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AD NUMBER

AD379650

CLASSIFICATION CHANGES

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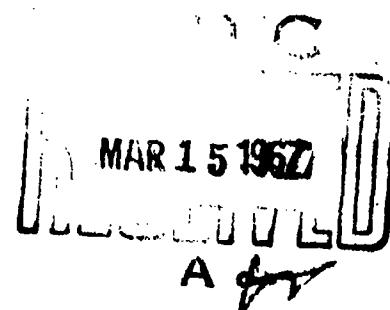
(UNCLASSIFIED TITLE)

**TARGET SIGNATURE ANALYSIS CENTER:
DATA COMPILATION
Supplement**

Dianne Earing

Infrared and Optical Sensor Laboratory
Willow Run Laboratories
Institute of Science and Technology
The University of Michigan
Ann Arbor, Michigan

January 1967



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**TARGET SIGNATURE ANALYSIS CENTER:
DATA COMPILATION
Supplement (u),**

(1) Targeted individuals

(10) ^{G.} Dianne Earing

(11) Target 107

(12) 186 p.

(14) 7850-9-B-Supp

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FOREWORD
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This report, Willow Run Laboratories Report No. 7850-9-B, is a classified supplement to Willow Run Laboratories report No. 7850-2-B, Target Signature Analysis Center: Data Compilation, and was prepared at the Willow Run Laboratories of The University of Michigan's Institute of Science and Technology. The preparation of the report began under Air Force contract number AF 33(657)-10974 and was completed under Air Force contract number AF 33(615)-3654. The work was administered under the direction of the Reconnaissance Division, Air Force Avionics Laboratory, Research and Technology Division, Air Force Systems Command, Wright-Patterson Air Force Base, with Mr. Bruno K. Wernicke as project engineer.

This technical report has been reviewed and is approved.

Bruno K. Wernicke
Project Engineer

CONTENTS
Unclassified

Foreword	ii
Abstract	iii
List of Figures	vi
1. Introduction	1
2. Description of Instrumentation	3
2.1. Detroit Arsenal Reflectance Measurements	3
2.2. NOTS Polarization Measurements	4
2.2.1. Field Measurements	4
2.2.2. Laboratory Measurements	6
2.3. Martin-Marietta Reflectance Measurements	7
2.3.1. Cary 14R Reflectometer	7
2.3.2. Perkin-Elmer Normal Incidence Reflectometer	7
3. Optical Data	9
3.1. Data Format	9
3.2. Data	AAKA 1
3.3. Alphabetical Subject Cross-Index	19
3.4. Subject Cross-Index to Section 3.2	21
Data Documents Used in Section 3.2	40
References	41
Distribution List	42

FIGURES
Unclassified

1. Coblentz Hemisphere Used by Detroit Arsenal . . . ,	3
2. Photoelectric Field Polarimeter	5
3. Geometry of Field Measurements	5
4. Laboratory Polarimeter and Instrumentation	6
5. Cary 14R Reflectometer	7
6. Perkin-Elmer Normal Incidence Reflectometer	8
7. Perkin-Elmer Reflectance Unit	8
8. Geometry Used in Recording Parameter Information	18

TARGET SIGNATURE ANALYSIS CENTER: DATA COMPILATION Supplement

1 INTRODUCTION *Unclassified*

The Target Signature Analysis Center established at The University of Michigan and sponsored by the Air Force Avionics Laboratory is intended to provide a centralized source of data and analysis techniques useful for improving remote sensors. Data on the electromagnetic properties of target and background materials (e.g., reflectance, transmittance, emittance, and radar cross sections) are collected, reduced to a standard format, and disseminated to other researchers.

The Target Signature Analysis Center data compilation is being published in two volumes. The first volume contained only unclassified data to facilitate wide distribution. This supplement contains the classified data and consists of approximately 350 curves on the optical properties of various target and background objects. The data are confined to the portion of the electromagnetic spectrum from 0.2 to 15.0 μ . The data reported include:

- (1) Directional reflectance vs. wavelength
- (2) Emittance vs. wavelength
- (3) Degree of linear polarization vs. wavelength
- (4) Degree of linear polarization vs. zenith angle of observation
- (5) Degree of linear polarization vs. azimuth angle of observation

The data result from several independent investigations conducted by experimenters throughout the country and for which a variety of instrumentation has been used. So that the data may be more readily interpreted, section 2 is devoted to describing in some detail the various sets of equipment used.

Section 3.1 presents the data format. Section 3.2 contains the data. Each curve has been assigned several alphabetic descriptor codes to identify the object measured, instrumentation, optical property measured, and spectral interval. The curves have been grouped according to the coded descriptor that best indicates the object. Section 3.3 is the subject cross-index to section 3.2 and a list containing all documents from which the data in section 3.2 were extracted is included at the end of this report.

2
DESCRIPTION OF INSTRUMENTATION
Unclassified

This section contains descriptions of the instruments used to obtain the data presented in section 3.

2.1. DETROIT ARSENAL REFLECTANCE MEASUREMENTS

The measurements reported herein from the Detroit Arsenal were made with a Perkin-Elmer Recording Spectrometer and a Coblentz hemispherical reflectance attachment. Figure 1 is a schematic diagram of the measurement apparatus. Basically, the incident radiation, which is very nearly monochromatic, is focused on the sample through a small hole in the hemisphere.

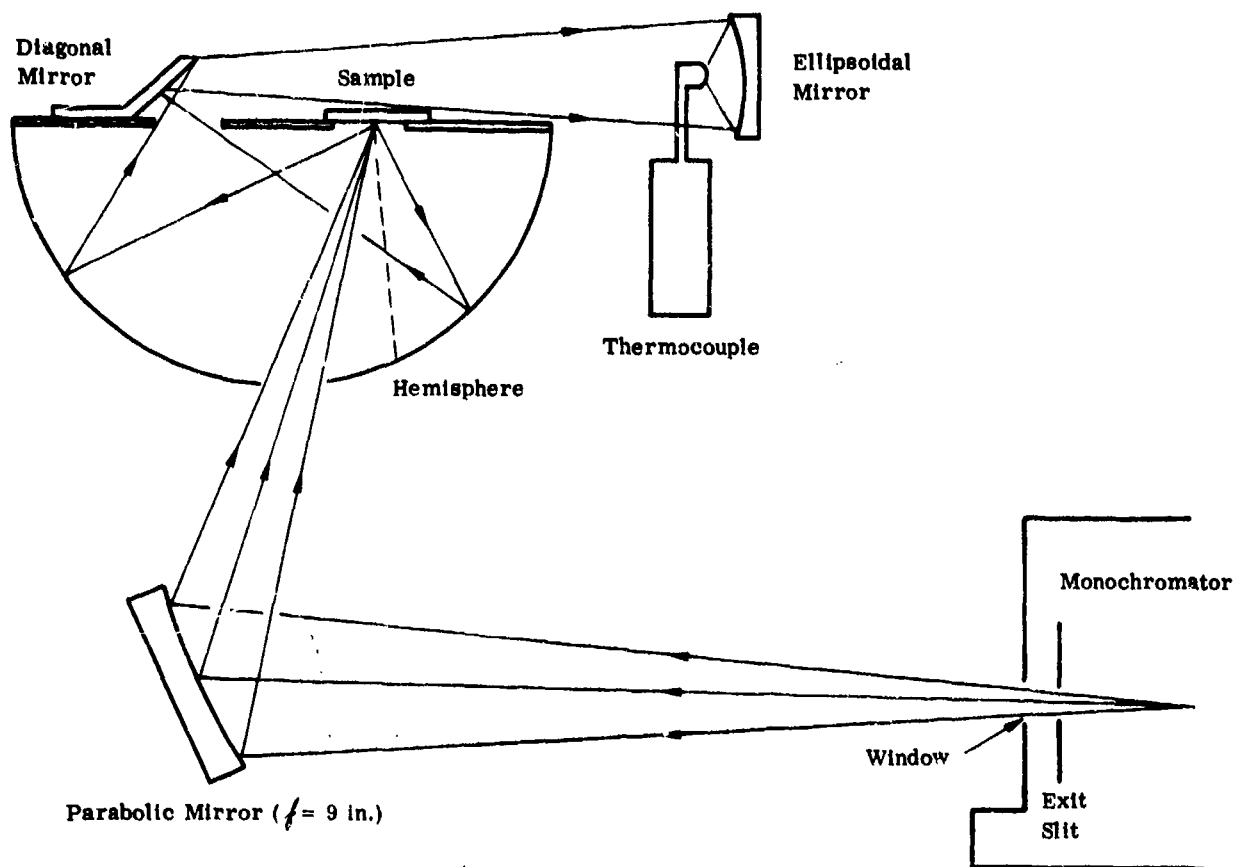


FIGURE 1. COBLENTZ HEMISPHERE USED BY DETROIT ARSENAL [1]
Unclassified

The sample is located at a small distance from the sphere's center. Energy reflected by the sample in any direction is re-reflected by the gold-coated hemisphere (a specular reflector) and focused at a spot in the sample plane diametrically opposite the sample. By a system of mirrors the collected energy is focused on the detector.

The instrument was calibrated separately for specular reflectors and for diffuse reflectors. For specular reflectors, an evaporated aluminum standard of known reflectance was placed in the sample location, and the instrument slit widths were adjusted until the reading coincided with the predetermined value. The slit width was recorded for that wavelength and the procedure repeated at 1.0- μ intervals between 1 and 12 μ . The first wavelength read was 1 μ . The resulting set of slit widths was used for all samples considered specular, and the reading was recorded as reflectance. In the case of a diffuse reflector, the same procedure was followed using a smoked MgO standard.

2.2. NOTS POLARIZATION MEASUREMENTS

The data obtained at the Naval Ordnance Test Station (NOTS), China Lake, Calif., consist of measurements of the degree of linear polarization of light reflected from target and background objects. The data result from a joint laboratory and field study and are reported in three forms:

- (1) P_L vs. λ ,
- (2) P_L vs. θ ,
- (3) P_L vs. ϕ ,

where

P_L = degree of linear polarization

λ = wavelength

θ = zenith angle of observation

ϕ = azimuth angle of observation

2.2.1. FIELD MEASUREMENTS. Field measurements were made using a specially designed polarimeter consisting of a Polaroid HM-22 high extinction linear polarization filter, an f/4 250-mm telephoto lens, an eyepiece to observe the field of view, and an RCA 200-4-25-2.0 silicon photodetector (fig. 2). The wavelength was monitored by inserting any one of a series of 20-m μ optical bandpass filters behind the polarization analyzer. The filters were centered at the following peak wavelengths: 486, 520, 546, 579, 589, 656, and 706 m μ . The detector field of view was two degrees.

The polarimeter was mounted on a tripod for measuring terrain. The positions of the sun and polarimeter with respect to the observed ground were recorded using the notation shown in figure 3. The polarization analyzer was then rotated and currents corresponding to the maximum and minimum transmitted fluxes (I_1 and I_2) were recorded. The degree of linear polarization was calculated from the following equation:

$$P_L = \frac{I_1 - I_2}{I_1 + I_2}$$

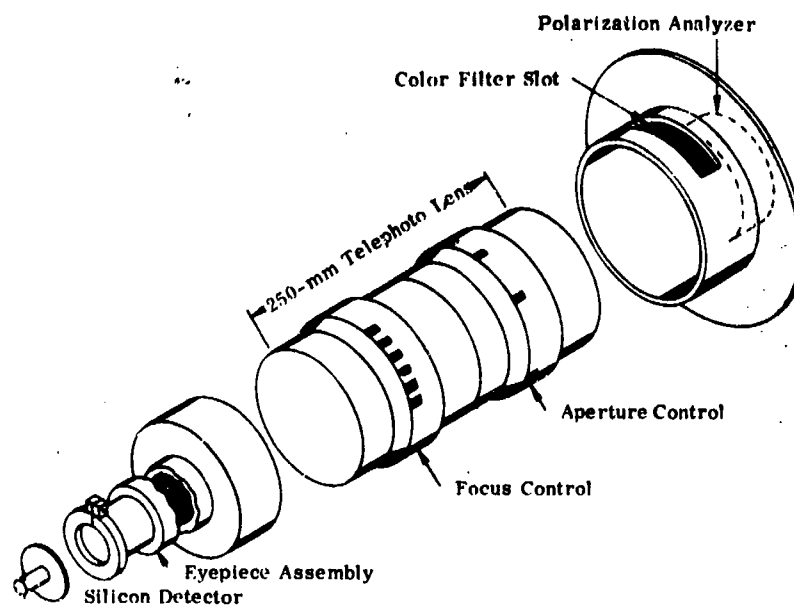


FIGURE 2. PHOTOELECTRIC FIELD POLARIMETER [2]

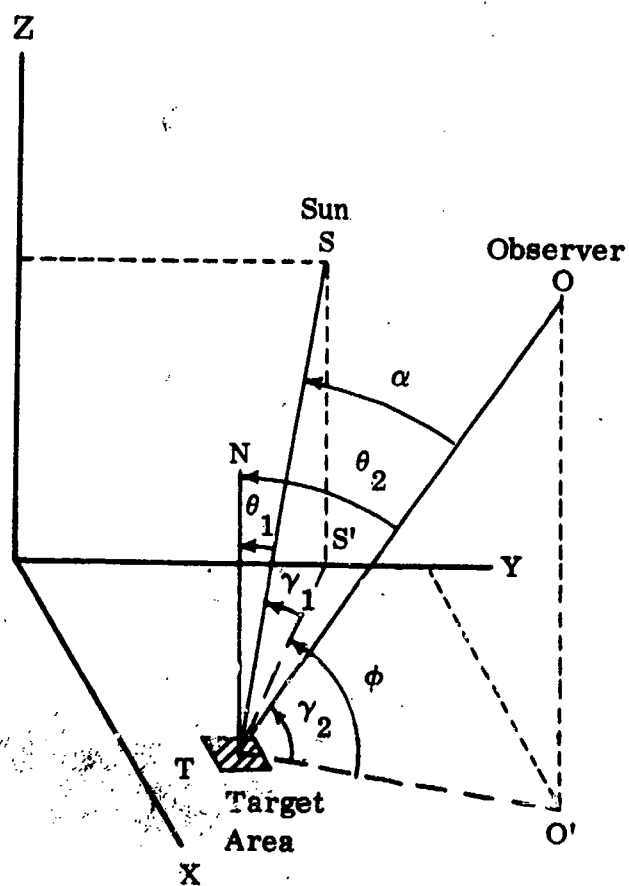


FIGURE 3. GEOMETRY OF FIELD MEASUREMENTS [2]
Unclassified

2.2.2. LABORATORY MEASUREMENTS. Laboratory measurements were conducted in much the same way as the field studies. The instrument (fig. 4) differed basically from the field instrument in two respects: (1) an artificial source was used rather than the natural illumination, and (2) the source and the detector were coplanar; for the field measurements, the detector could be situated at any desired azimuth in relation to the sun. The source was fixed, while the sample could be tilted to allow various incidence angles. The detector could also be moved independent of the sample holder to permit several viewing angles.

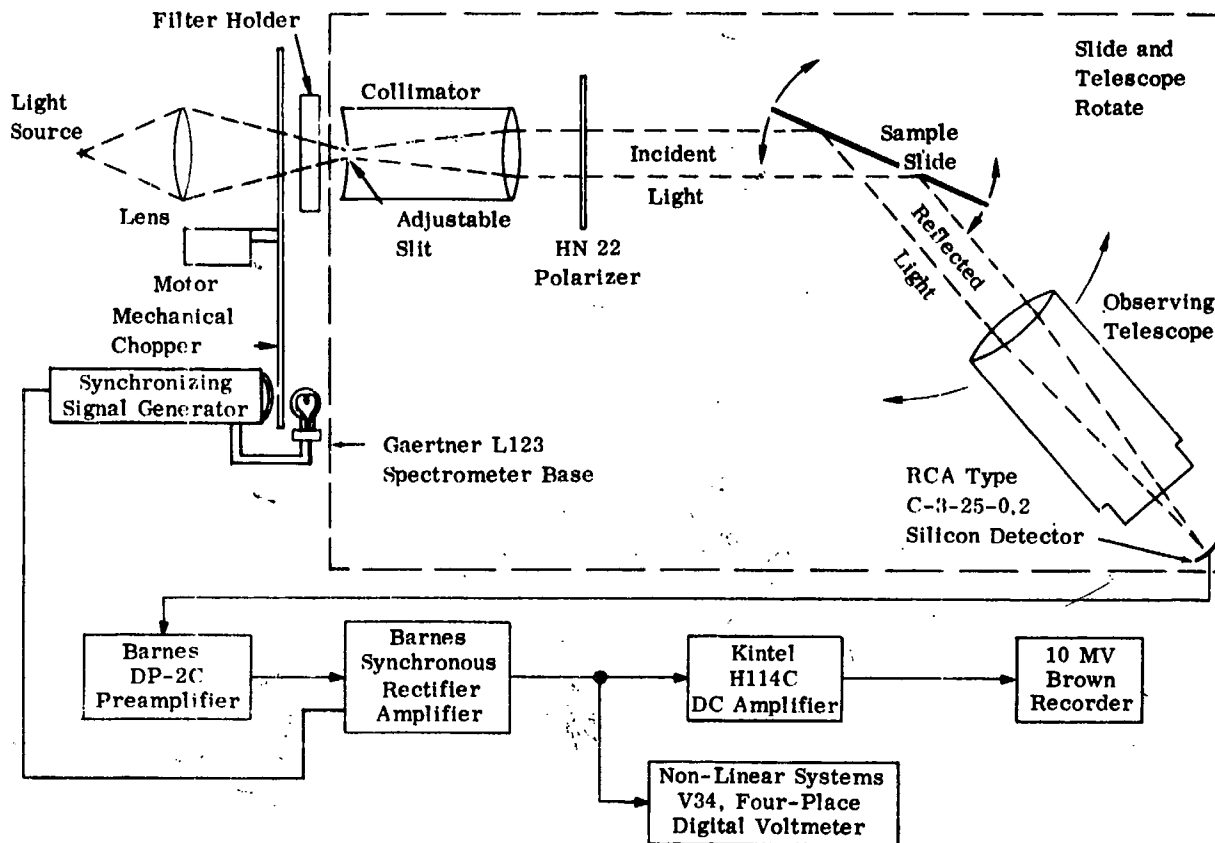


FIGURE 4. LABORATORY POLARIMETER AND INSTRUMENTATION [2]
Unclassified

The illumination angles used in this study were 30° , 60° , and 80° , and the observation angle varied from 5° to 85° .

The polarizer was inserted in the incident beam in first the perpendicular and then the parallel orientation. Light reflected from the sample, V_\perp and V_\parallel respectively, was recorded.

Here the degree of linear polarization, P_L , is given by

$$P_L = \frac{V_\perp - CV_\parallel}{V_\perp + CV_\parallel}$$

where $V_{\perp, r}$ = voltage observed upon reflection in the direction θ_r of perpendicularly polarized light at an incidence angle θ_i

$V_{\parallel, r}$ = voltage observed upon reflection in the direction θ_r of parallel polarized light at an incidence angle θ_i

2.3. MARTIN-MARIETTA REFLECTANCE MEASUREMENTS

The measurements reported herein from the Martin-Marietta Corporation are directional reflectance vs. wavelength, primarily in the ultraviolet portion of the electromagnetic spectrum. The measurements were made with two instruments, a Cary 14R reflectometer, and a Perkin-Elmer normal incidence reflectometer. These instruments are both standard manufacturer's items.

2.3.1. CARY 14R REFLECTOMETER. This instrument is shown schematically in figure 5. Sample illumination was achieved by placing a high intensity source at a small port in the bottom of the integrating sphere. The sample is thus illuminated by a broad spectral band, hemispherical source. A double prism grating monochromator then alternately looks at a MgCO_3 reference and the sample. This instrument may be operated over the 0.2- to 2.2- μ range.

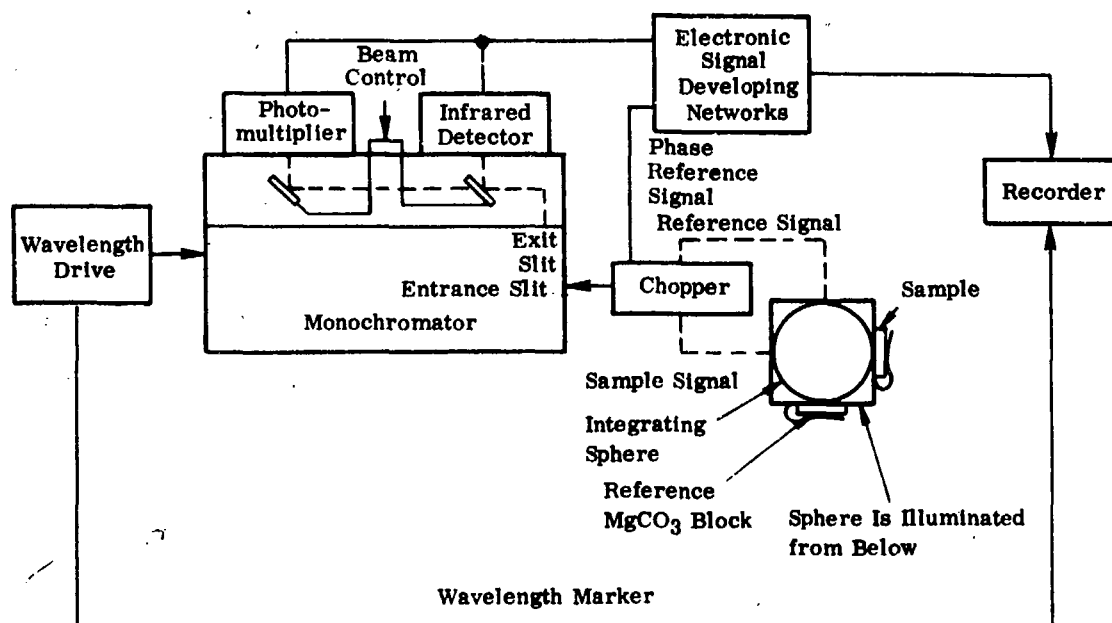


FIGURE 5. CARY 14R REFLECTOMETER [3]
Unclassified

2.3.2. PERKIN-ELMER NORMAL INCIDENCE REFLECTOMETER. This instrument is shown schematically in figure 6. In operation, broad spectral band light is collected and focused on the sample at the reflectance unit (fig. 7). Light reflected from the sample is collected and

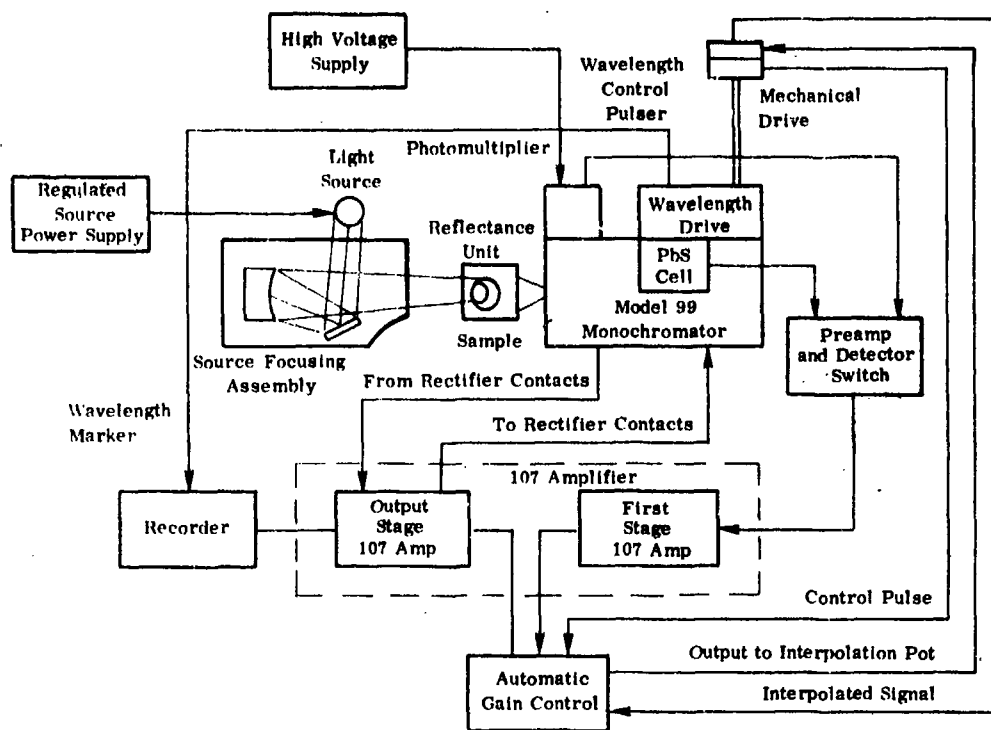


FIGURE 6. PERKIN-ELMER NORMAL INCIDENCE REFLECTOMETER [3]
Unclassified

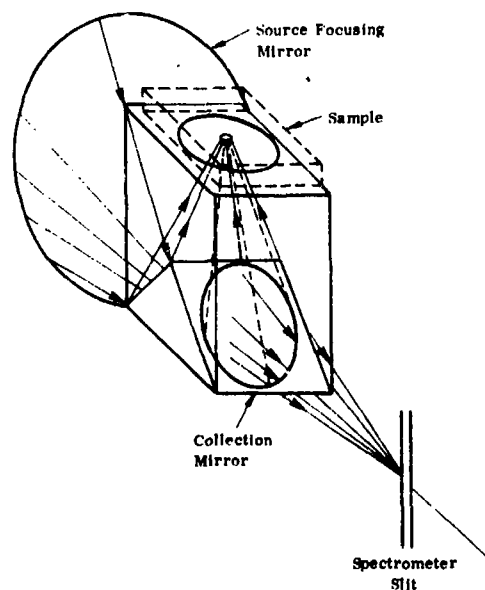


FIGURE 7. PERKIN-ELMER REFLECTANCE UNIT [3]
Unclassified

focused onto the entrance slit of a Perkin-Elmer Model 99 monochromator where it is analyzed spectrally from 0.2 to 0.4 μ . The measurements were made using a MgCO_3 reflectance standard.

3
OPTICAL DATA
Secret

3.1. (U) DATA FORMAT

In order to transfer a data curve from a source document to the Target Signature Library, the curve is first manually digitized and keypunched on IBM cards. Great care is exercised to preserve all significant details of the original curve except those attributable to instrument noise. Data points are taken in such a way that a new curve formed by connecting the data points with straight lines will duplicate the original curve. In essence, this amounts to taking data points at all significant inflection points on the curve. Thus relatively few data points are required to describe a smooth curve, while many points may be required to describe a highly erratic curve.

The keypunched cards are the mechanism for transferring the data to magnetic tape in the Target Signature Library, and for printing out data curves in a standard format on a plotting machine. All curves presented in this report have been prepared by this process.

The header information above each curve includes the curve identification number, the curve title, subject codes, and parameter information.

The curve identification number consists of the internal control letter "B" and eight digits. The first five digits identify the document from which the data were taken (the bibliography at the end of this report lists the documents by control letter and these five digits). The last three digits have been arbitrarily assigned by the Target Signature Analysis Center for purposes of retrieval and serve to identify a particular curve within a given source.

The subject code consists of a group of letters assigned to each curve to enable retrieval by subject. Each letter represents a specific descriptor, and each curve is assigned as many letters as are required to describe it adequately. The Target-Signature Subject-Code List (table I) explains the codes.

As an example, a curve may be described as follows:

Object Measured:	Loam (BFEA)
Instrumentation:	General Electric Spectrophotometer (CDB)
Experimental Platform:	Laboratory (CED)
Quantity Measured:	Directional reflectance where the specular component has been included in the measurement (DFAA)
Reflectance Standard:	Magnesium Oxide (DFCE)
Spectral Interval:	0.4-0.7 μ (ECB) and 0.7-1.5 μ (ECCA)

The conditions of the experiment, called parameter information, are also listed on the printed header in abbreviated form. This information is derived from the original source when

available. For many of the data, very few parameter entries appear because the source lacked documentation of the experimental parameters or because parameters are not applicable to all measurements; e.g., parameters such as altitude and range do not apply to laboratory measurements. Table II is the key for interpreting the parameter information.

The optical data that follow are arranged according to the subject code most descriptive of the object or sample. Each data curve has been assigned several codes, and a complete cross-index of curve-identification numbers by subject code and their location within this document may be found in section 3.3. Since the Target-Signature Subject-Code List contains a large number of specific types of target and background categories, it was necessary in some cases to group data into somewhat broader categories. The sections containing the optical data are:

AAKA	Clothing
AEA	Aluminum
AEB	Asphalt
AEC	Brick
AEG	Concrete
AEH	Dirt
AEI	Galvanized Steel
AEK	Gravel
AEL	Metal
AEM	Paint
AEO	Plastic
AEP	Rubber
AEQ	Tar
AER	Tile
AET	Wood
BF	Soil
BG	Vegetation
BH	Water

TABLE I. TARGET-SIGNATURE SUBJECT CODE LIST

Unclassified			
A	TARGETS	AEMA	White Pigments
AA	Ground	AEMAA	Zinc Oxide (Zinc White)
AAA	Buildings	AEMAB	Lead Basic Carbonate (White Lead)
AAB	Guns		Titanium Dioxide
AABA	Artillery	AEMAC	Green Pigments
AABB	Rifles	AEMB	Chromic Oxide (Chrome Green)
AAC	Industrial Facilities	AEMBA	Red Pigments
AACA	Power Stations		Ferric Oxide (Hematite)
AACB	Shipyards	AEMC	Trilead Tetroxide (Red Lead)
AAD	Military Facilities	AEMCA	Metallic Pigments
AADA	Communication Centers	AEMCB	Aluminum Powder
AADB	Fortifications		Other Pigments (Color Unknown)
AADC	Launching Sites	AEMD	Mica
AADCA	Anti-Aircraft	AEMDA	Aluminum Silicate
AADD	Marshalling Yards	AEME	Mediums, Thinners, Driers
AADE	Supply Depots		Resin
AAE	Airfields	AEMEA	Oleo
AAF	Railroad	AEMEB	Alkyd
AAFA	Tracks	AEMF	Ester
AAFB	Yards	AEMFA	Xylene
AAG	Roads	AEMFAA	Paper/Cardboard
AAH	Bridges	AEMFAB	Plastic
AAI	Dams	AEMFB	Rubber
AAJ	Docks	AEMFC	Tar
AAK	Personnel	AEN	Tile
AAKA	Clothing	AEO	Varnish
AAKB	Troop Concentrations	AEP	Wood
AAL	Vehicles	AEQ	Radiation Control
AALA	Aircraft	AER	Anti-Reflection Coating
AALB	Armored	AES	Shielding
AALC	Convoys	AET	Temperature Control
AALD	Earth-Moving	AF	Signatures
AALE	Tanks	AFA	
AALF	Trucks	AFB	
AB	Marine	AFC	
ABA	Submarine	AG	
ABB	Surface Vessels		
ABBA	Barges	B	BACKGROUNDS
ABBB	Landing Craft	BA	Atmosphere
AC	Camouflage	BAA	Constituents
AD	Decoys	BAAA	Aerosols
AE	Materials	BAAB	Dust
AEA	Aluminum	BAAC	Fog
AEB	Asphalt	BAAD	Gases
AEC	Brick	BAAE	Haze
AED	Burlap	BAAF	Rain
AEE	Canvas	BAAG	Smog
AEF	Cinder	BAAH	Smoke
AEG	Concrete	BAAI	Snow
AEH	Dirt	BAAJ	Spray
AEI	Galvanized Steel	BAAK	Water Vapor
AEJ	Glass	BAB	Sky
AEK	Gravel	BB	Clouds
AEL	Metal	BBA	Cumulonimbus
AEM	Paint	BBB	Cirrus

BBC	Cirrocumulus	BFHE	Bedrock
BBD	Cirrostratus	BFI	Series
BBE	Alto Cumulus	BFIA	Aguan
BBF	Alto Stratus	BFIB	Aiken
BBG	Cumulus	BFIC	Akron
BBH	Nimbostratus	BFID	Alamance
BBI	Strato Cumulus	BFIE	Albion
BC	Light Conditions	BFIF	Alonso
BCA	Day	BFIG	Barnes
BCB	Sunrise or Sunset	BFIH	Blakely
BCC	Twilight	BFII	Clareville
BCD	Night	BFIJ	Clarion
BCE	Clear	BFIK	Collington
BCF	Overcast	BFIL	Colts Neck
BD	Season	BFIM	Jecatur
BDA	Summer	BFIN	Dublin
BDB	Fall	BFIO	Gooch
BDC	Winter	BFIP	Grady
BDD	Spring	BFIQ	Greenville
BE	Terrain	BFIR	Guthrie
BEA	Flat	BFIS	Hainamanu
BEB	Rolling	BFIT	Hall
BEC	Hilly	BFIU	Hamakua
BED	Mountainous	BFIV	Herradura
BEE	Rural	BFIW	Joplin
BEF	Urban	BFIX	Marias
BF	Soil	BFIY	Marshall
BFA	Cultivated	BFIZ	Matanzas
BFB	Uncultivated	BFJ	Series (continued)
BFC	Coarse Textured	BFJA	Maury
BFCA	Sand	BFJB	Moaula
BFCB	Loamy Sand	BFJC	Naalehu
BFD	Moderately Coarse Textured	BFJD	Onomea
BFDA	Sandy Loam	BFJE	Ookala
BFDB	Fine Sandy Loam	BFJF	Orangeburg
BFE	Medium Textured	BFJG	Oriente
BFEA	Loam	BFJH	Orman
BFEB	Silt Loam	BFJI	Pallman
BFEC	Silt	BFJJ	Penn
BFF	Moderately Fine Textured	BFJK	Pierre
BFFA	Clay Loam	BFJL	Putnam
BFFB	Sandy Clay Loam	BFJM	Quibdo
BFFC	Silty Clay Loam	BFJN	Rubicon
BFG	Fine Textured	BFJO	Ruston
BFGA	Sandy Clay	BFJP	Santa Barbara
BFGB	Silty Clay	BFJQ	Texas Dune
BFGC	Clay	BFJR	Tifton
BFH	Other Constituents	BFJS	Tillman
BFHA	Organic Material	BFJT	Tilsit
BFHB	Gravel (less than 3-in. diameter)	BFJU	Vernon
BFHC	Cobbles (3- to 10-in. diameter)	BFJV	Weld
BFHD	Stones (greater than 10-in. diameter)	BFJW	Windthorst
		BFJX	Yolo
		BFJY	Zanesville
		BG	Vegetation

BGA
 BGAA
 BGAAA
 BGB
 BGBA
 BGBAA
 BGC
 BGCA
 BGCAA
 BGCB
 BGCBA
 BGCC
 BGCCA
 BGCD

 BGCD A
 BGCD B
 BGCD C
 BGCD D
 BGCE
 BGCEA
 BGCF
 BGCF A
 BGCG
 BGCG A
 BGCH
 BGCHA

 BGCI
 BGCI A
 BGCI J
 BGCI J A
 BGCK
 BGCK A
 BGCK B
 BGCL
 BGCL A
 BGCM
 BGCM A
 BGCM B
 BGCM C
 BGCM D
 BGCM E
 BGCM F
 BGCM G
 BGCM H
 BGCM I
 BGCM J
 BGCM K
 BGCM L
 BGCM M
 BGCM N
 BGCM O
 BGCM P
 BGCM N

Herbaceous, Algae Fungi
 Cladoniaceae Family
 Reindeer Moss
 Moss-Liverwort
 Sphagnum Family
 Sphagnum Moss
 Vascular
 Banana Family
 Banana
 Bromeliaceae Family
 Bunch Grass
 Buckwheat Family
 Buckwheat
 Composite Family
 (cf. Ligneous)
 Daisy
 Goldenrod
 Ragweed
 Sunflower
 Convolvulus Family
 Sweet Potatoe
 Crowfoot Family
 Crowfoot
 Duckweed Family
 Duckweed
 Evening-Primrose Family
 Willow Herb
 (cf. Willow Family)
 Fern Family
 Bracken Fern
 Flax Family
 Flax
 Goosefoot Family
 Pigweed
 Sugar Beet
 Gourd Family
 Squash
 Grass Family
 Barley
 Bermuda Grass
 Corn
 Creeping Grass
 Fescue
 Foxtail
 Ilyas
 Millet
 Oats
 Reeds
 Rice
 Rye
 Selin
 Timothy
 Vetch
 Wheat
 Health Family (see also
 Ligneous)

BGCNA
 BGCNB
 BGCO
 BGCOA
 BGCP
 BGCPA
 BGCPB
 BGCCQ
 BGCCQA
 BGCCQB
 BGCR

 BGCRA
 BGCRB
 BGCRC
 BGCRD
 BGCRE
 BGCRF
 BGCRG
 BGCRH
 BGCR I
 BGCS
 BGCSA
 BGCT
 BGCTA
 BGCTB
 BGD
 BGDA
 BGDA A
 BGDB
 BGDBA
 BGDBB
 BGDBC
 BGDC
 BGDC A
 BGDD
 BGDDA
 BGDE
 BGDEA
 BGDF
 BGDF A
 BGDFB
 BGDG

 BGDGA
 BGDGB
 BGDH
 BGDHA
 BGDI
 BGDIA

 BGDIB
 BGDJ
 BGDJA
 BGDK
 BGDKA

European Blueberry
 Heather
 Mallow Family
 Cotton
 Mustard Family
 Cabbage
 Mustard
 Nightshade Family
 Potatoes
 Tomatoes
 Pea (or Pulse) Family
 (see also Ligneous)
 Alfalfa
 Clover
 Coffee Plant
 Lentil
 Lima Bean
 Pea
 Peanut
 Soybean
 String Bean
 Plantain Family
 Plantain
 Sedge Family
 Cotton Grass
 Sedge
 Ligneous
 Arecaceae Family
 Areca Palm
 Beech Family
 Beech
 Chestnut
 Oak
 Bignonia Family
 Catalpa
 Calycanthaceae Family
 Meratia Praecox
 Carduacea Family
 Rabbit Brush
 Cashew Family
 Chinese Pistachio
 Sumach
 Composite Family
 (cf. Herbaceous)
 Sagebrush
 Wormwood
 Dogwood Family
 Dogwood
 Ebony Family
 Ironwood (cf. Hazei
 family)
 Persimmon
 Elm Family
 Elm
 Figwort Family
 Paulowina

BGD L
 BGD LA
 BGD LB
 BGD LC
 BGD LD
 BGD LE

 BGDM

 BGDMA
 BGD N
 BGD NA
 BGDO
 BGDOA
 BGDP
 BGDPA
 BGDPB
 BGDQ
 BGDQA
 BGDR
 BGDR A
 BGDR B
 BGDS
 BGDSA
 BGDT
 BGDTA
 BGDTB
 BGDT C
 BGDU
 BGDU A
 BGDU B
 BGDV
 BGDVA
 BGDW
 BGDWA
 BGD X
 BGD XA
 BGD XB
 BGD XC
 BGD XD
 BGD XE
 BGD XF
 BGDY
 BGDY A
 BGDZ
 BGDZ A
 BGE
 BGEA
 BGEAA
 BGEAB
 BGEAC
 BGEAD
 BGEAE
 BGEAF
 BGEAG

Hazel Family
 Alder
 Birch
 Hazelnut
 Hornbeam
 Ironwood (cf. Ebony Family)
 Heath Family (cf. Herbaceous)
 Mountain Laurel
 Holly Family
 Holly
 Honeysuckle Family
 Viburnum
 Laurel Family
 Laurel
 Sassafras
 Lily Family
 Yucca
 Linden Family
 Basswood
 Linden
 Logania Family
 Privet (Ligustrum)
 Magnolia Family
 Magnolia
 Tulip
 Tulip Poplar
 Maple Family
 Maple
 Mulberry Family
 Rubber
 Olive Family
 Ash
 Pine Family
 Cedar
 Fir
 Juniper
 Larch
 Pine
 Spruce
 Plane-Tree
 Sycamore
 Pea Family (cf. Herbaceous)
 Locust
 Ligneous (continued)
 Rose Family
 Blackberry
 Cherry
 Hawthorn
 Juneberry
 Peach
 Pin Cherry
 Plum

 BGEB
 BGEBA
 BGEC
 BGECA
 BGED
 BGEDA
 BGEE
 BGEEA
 BGEEF
 BGEFA
 BGEFB
 BGEFC

 BGEFCA
 BGEFCB
 BGF
 BGFA
 BGFB
 BGFBA
 BGFBB
 BGFBC
 BGFBD
 BGFC
 BGFD
 BGFE
 BGFF
 BGG
 BGH
 BH
 BHA
 BHAA
 BHAB
 BHAC
 BHAD
 BHB
 BHBA
 BHBB
 BHBC
 BHBD
 BI

 C
 CA
 CAA
 CAB
 CAC
 CAD
 CAE
 CB
 CC
 CCA
 CD
 CDA
 CDB

Sour Gum Family
 Gum
 Trumpet-Creeper Family
 Calabash
 Vine Family
 Virginia Creeper
 Walnut Family
 Hickory
 Willow Family
 Aspen
 Poplar
 Willow (cf. Evening-Primrose Family)
 Dwarf
 Ground

 Leaf
 Narrow
 Broad
 Coriaceous (Leathery)
 Membranous
 Lower Surface
 Upper Surface
 Young (Spring)
 Mature (Summer)
 Old (Fall)
 Dry
 Bark
 Twig
 Water
 Formations
 Lake
 Puddle
 River
 Sea
 State
 Ice
 Ice and Liquid
 Liquid
 Snow
 Climate

 EQUIPMENT
 Radar
 Coherent
 Non-Coherent
 Pulse
 C-W
 M'TI
 Radiometer
 Spectrograph
 Eastman Kodak
 Spectrometer
 Beckman
 General Electric

CDC	Perkin-Elmer	DFD	Bidirectional
CDD	Interference	DFE	Total (Albedo)
CE	Platform	DG	Scintillation
CEA	Aircraft	DH	Solar Influence
CEB	Balloon	DI	Transmittance
CEC	Ground	DIA	Directional
CED	Laboratory	DIB	Bidirectional
CEE	Shipborne	DJ	Emission
CF	Optical	DJA	Atmosphere
CFA	Ultraviolet	DJB	Emissivity
CFB	Visible	DJC	Emittance
CFC	Infrared	DJD	Blackbody
CFD	Active	DJE	Greybody
CFE	Passive	DJF	Fluorescence
CG	Detectors	DJG	Thermal
CH	Filters	DK	Artificial Sources
CI	Image Tubes	DKA	Arc
CJ	Materials	DKB	Beacon
CK	Evaluation	DKC	Flame
CKA	Noise	DKD	Flare
CL	Reflectometer	DKE	Gas
CM	Polarimeter	DKF	Gas Discharge
		DKG	Globalar
D	RADIATION	DKH	Incandescent Lamp
DA	Pattern	DKI	Maser, Laser, Iraser, Uvaser
DAA	Aspect Dependence	DKJ	Mantle
DAB	Optical Cross Section	DKK	Nernst Glower
DAC	Radar Cross Section (σ)	DKL	Nuclear Explosion
DACA	Normalized (σ_0)	DKM	Oscillator
DB	Attenuation	DKN	Shock Tube
DBA	Absorption	DKO	Spark
DBB	Scatter	DKP	Vapor Lamp
DBBA	Backscatter Coefficient (ρ)	DL	Natural Sources
DC	Modulation	DLA	Aurora
DD	Polarization	DLB	Airglow
DDA	Radar	DLC	Lightning
DDB	Optical	DLD	Lunar
DDBA	Circular	DLE	Planetary
DDBB	Elliptic	DLF	Solar
DDBC	Linear	DLG	Stellar
DE	Refraction	DLH	Zodiacal Light
DF	Reflectance	DM	Flux
DFA	Directional	DN	Radiance
DFAA	Specular Included		
DFAB	Specular Not Included	E	SPECTRA
DFB	Specular	EA	Gamma-Rays
DFC	Standard	EB	X-Rays
DFCA	Baryte	EC	Optical
DFCB	Flowers of Sulfur	ECA	Ultraviolet
DFCC	Gypsum	ECAA	Less than 0.1 μ
DFCD	Magnesium Carbonate	ECAB	0.1-0.2 μ
DFCE	Magnesium Oxide	ECAC	0.2-0.2 μ
DFCF	Paper	ECAD	0.3-0.4 μ
DFCG	Rhodium Mirror	ECB	Visible (0.4-0.7 μ)
DFCH	Aluminum Mirror		

ECBA
ECBB
ECBBA
ECBBB
ECBBC
ECBBD
ECBBE
ECBBF
ECBBG
ECBBH
ECBBI
ECBBJ
ECBBK
ECBBL

Chromaticity
Color
Blue
Green
Yellow
Orange
Red
Brown
Field Drab
Khaki
Olive Drab
White
Grey
Black

Infrared

ECC
ECCA 0.7-1.5 μ
ECCB 1.5-3.0 μ
ECCC 3-5 μ
ECCD 5-8 μ
ECCE 8-15 μ
ECCF 15-50 μ
ECCG 50-100 μ
ECCH 100-1000 μ
ECCI 1.4- μ band
ECCJ 1.9- μ band
ECCK 2.2- μ band
ECCL 2.7- μ band
ECCM 4.3- μ band
ECCN 6.3- μ band
ECCO 9.6- μ band
ECCP Other

Line

ED Radio Frequency
EDA EHF (30-300 kMc)
EDB SHF (3-30 kMc)
EDC UHF (0.3-3 kMc)
EDD VHF (30-300 Mc)
EDE HF (3-30 Mc)
EDF MF (0.3-3 Mc)
EDG LF (30-300 kc)
EDH VLF (3-30 kc)

F

FA
FB
FC
FD
FE
FEA
FEB
FEC
FED
FEE

OPERATIONS

Detection
Discrimination
Reconnaissance
Surveillance
Imaging
Photography
Scanning
Contrast
Resolution
Display

FF
FFA
FFB
FG
FGA
FGB
FGC
FGD
FGE
FGF
FGG
FH
FI
FJ

Filtering
Spatial
Spectral
Measurement
Temperature
Time
Position
Range
Angle
Velocity
Acceleration
Calibration
Homing
Pattern Recognition

G

GA
GAA
GB
GBA
GBAA
GBB
GBBA
GBBB
GBBC
GC
GCA
GD
GDA
GDB
GE
GF
GG

ANALYSIS

Mathematical
Model
Statistical
Distribution
Gaussian
Process
Ergodic
Stationary
Nonstationary
Information Processing
Digital
Correlation
Auto-
Cross-
One-Dimensional
Two-Dimensional
Linear

H

HA
HAA
HAB
HABA
HB
HC
HD
HE
HF
HG
HH
HI
HJ
HK
HL

ACOUSTICS

Attenuation
Absorption
Scatter
Backscatter Coefficient (ρ)
Modulation
Refraction
Reflectance
Transmission
Emission
Artificial Sources
Natural Sources
Flux
Diffraction
Frequency Spectrum
Correlation

TABLE II. OPTICAL DATA PARAMETERS

Unclassified

DATE	Date of measurement (day, month, and year)
TIME	Time of measurement (24-hour clock)
LAT	Latitude of measurement (field measurement) or location at which specimen was collected (laboratory measurement)
LONG	See LAT
ALT	Altitude of experimental platform (thousands of feet)
RANGE	Slant range (thousands of feet)
DAYS RE	Number of days sample has been removed from its natural environment
IN*	Incidence angle from normal (degrees)
IAZ*	Azimuth of incident radiation (degrees)
CN**	Collection angle from normal (degrees)
CAZ**	Azimuth of collection angle (degrees)
IRR	Type of target irradiation coded as follows: A. Sun B. Moon C. Skylight (extended source) D. Laser E. Other artificial point sources
OBST	Obstructions in the air that prevent a clear view of the target, coded as follows: A. Smoke B. Haze C. Dust D. Sand E. Fog F. Drizzle G. Rain H. Snow I. Hail
TTEMP	Temperature of target or measured object (°K)
WIND SP	Average wind speed (mph)
WIND DI	Wind direction
CLD	Total cloud cover, coded as follows: A. 0 - 0.1 B. 0.2 - 0.5 C. 0.6 - 0.8 D. 0.9 - 1.0
VIS	Visibility (miles)
TEMP	Temperature of environment (°F)
DEW PT	Dew point temperature (°F)
N AVE	Number of curves or measurements that have been averaged to make up this curve

*These angles are defined only if the major portion of radiation incident on the target comes from a point source, e.g., the sun (see fig. 8).

**These angles are defined when the target is observed from one direction (see fig. 8).

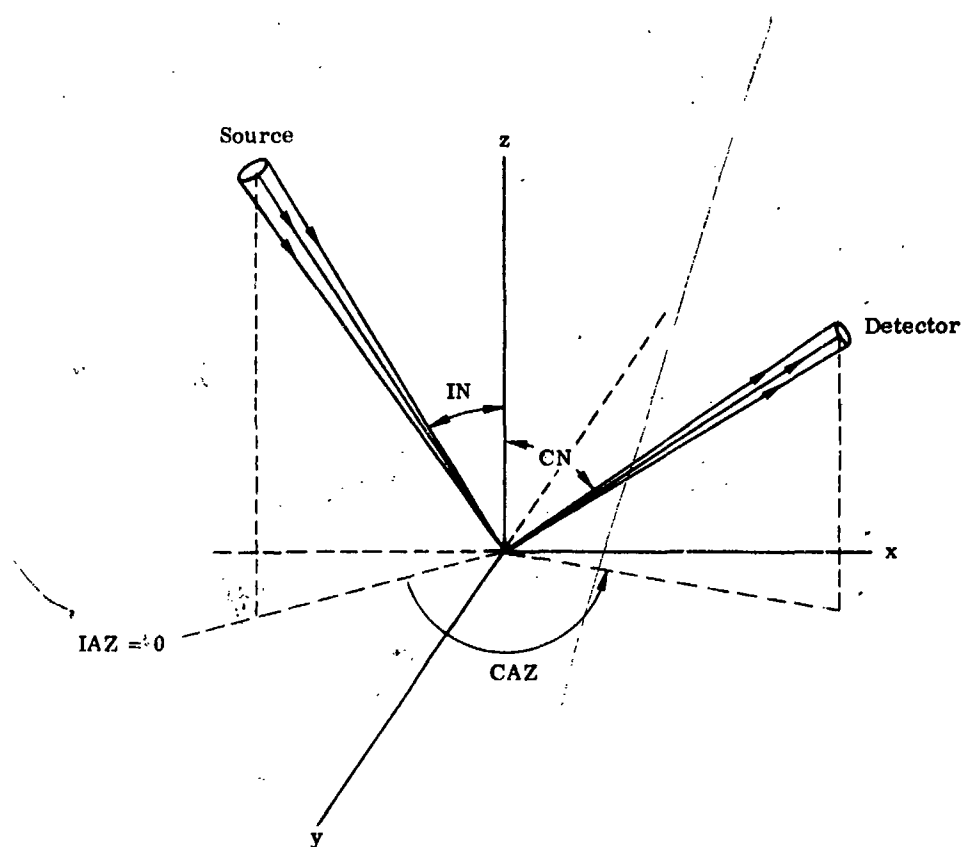


FIGURE 8. GEOMETRY USED IN RECORDING PARAMETER INFORMATION
Unclassified

AAKA
TARGET MATERIALS
Clothing

AKA 1

Graph showing Percent Reactance (Y-axis, 0 to 100) versus Wavelength (meters) (X-axis, 0 to 15). The curve represents the reactance of a 100 ohm antenna. The reactance is 0% at approximately 1.5 meters, rises to about 10% at 2.5 meters, and then oscillates between 10% and 20% for wavelengths greater than 3 meters.

The graph plots Percent Reflectance (Y-axis, 0 to 100) against Wavelength in microns (X-axis, 0 to 3.5). The curve shows a sharp absorption peak at approximately 0.25 microns, where reflectance drops to about 10%. It then rises to a local maximum of about 35% at 0.5 microns, followed by a broad absorption band between 1.5 and 2.5 microns, with reflectance values fluctuating between 15% and 25%. The reflectance returns to approximately 35% at 3.5 microns.

Wavelength (microns)	Percent Reflectance
0.1	100
0.2	100
0.25	10
0.3	25
0.5	35
0.7	25
1.0	20
1.2	25
1.5	15
1.7	20
2.0	15
2.2	20
2.5	15
3.0	30
3.5	35

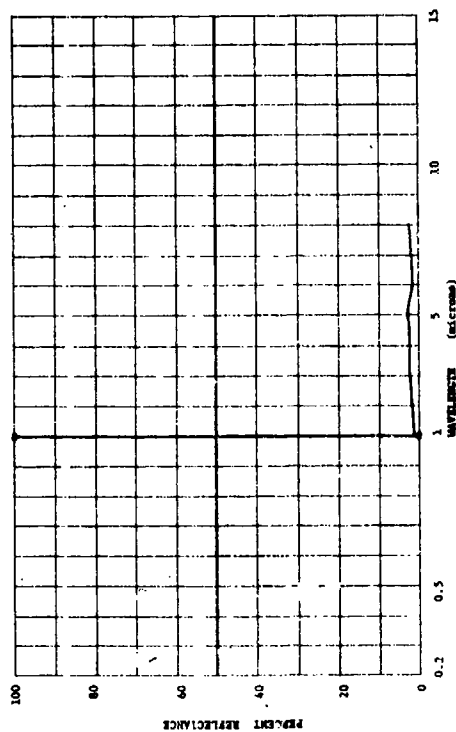
CONFIDENTIAL

AKA 2

• B13501-075 Flat Collar: Duck, Olive Drab, Coarse Cloth Weave. (CONFIDENTIAL)

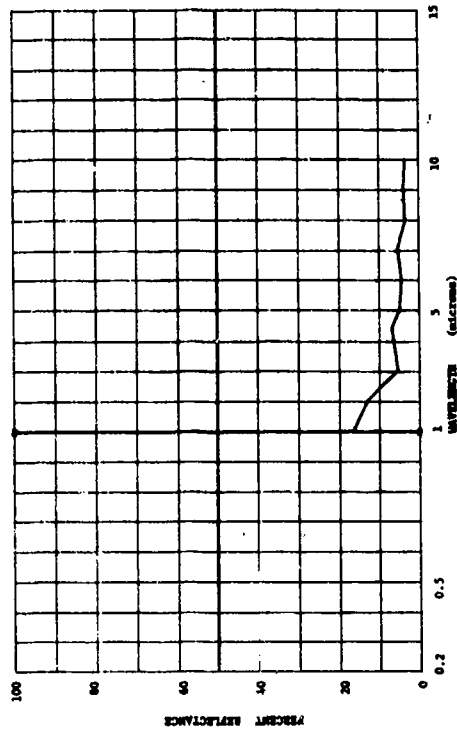
SUBJECT CODES	
ANXA	2CTUR1
CDC	CED
DEG	DECA
ECCB	ECCC
ECCD	

PARAMETER INFORMATION					
DATE=	SS	TIME=	LAT=	LONG=	RANGE=
DAYS =		HR-	LAZ=	CN=	TRF=
TIME=		TTTQ=	VIND SP=	VIND DI=	VIS=
		DDB PT=	M AVE= 1		



• 813501-077
Dailers Fabric, Wool Elastane, Drab, Medium Cloth Weave. (CONFIDENTIAL.)

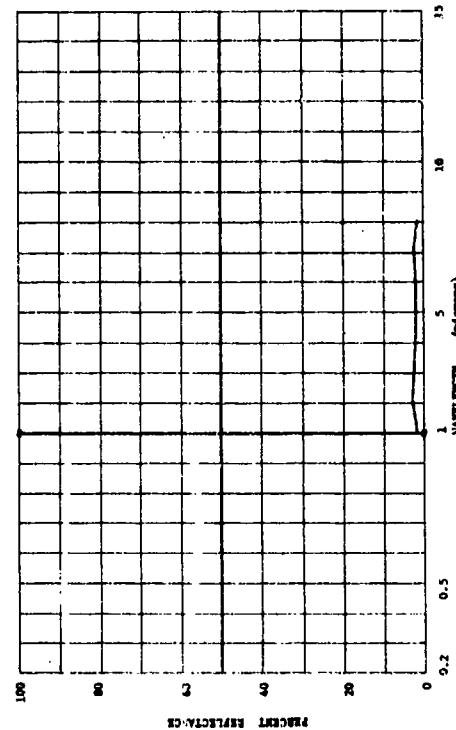
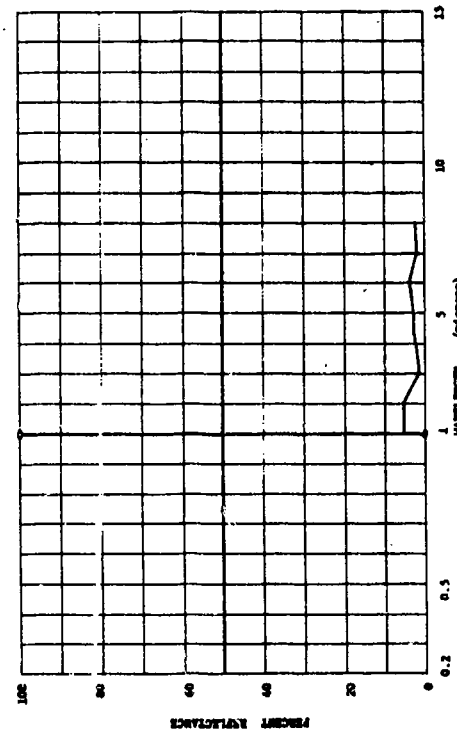
SUBJECT CODES	AAA	PCING	CDC	CEP	WPA	DEC	WCA	ECG	BOG
---------------	-----	-------	-----	-----	-----	-----	-----	-----	-----

[illegible]

11351-074 Cotton Deck, Olive Drab, Coarse Cloth Weave. (CONFIDENTIAL)

[illegible]

PARAMETER INFORMATION					
LAT=	55	TIME=	ALT=	RANGE=	
DAYS 12=	18-		CAS=	128- E	
TIME=			CLD=	VIS=	
DW PT=			LOW=		
			C=		
			WIND DI=		

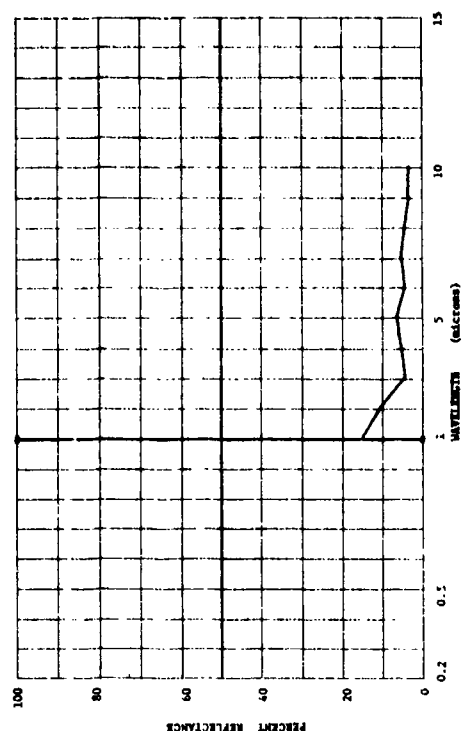
[illegible][illegible][illegible]

CONFIDENTIAL

Uniform Fabric, Wool Sarge, Blue, Medium Cloth Weave. (CONFIDENTIAL)

SUBJECT CODES	AKA	ICBM	ICCT

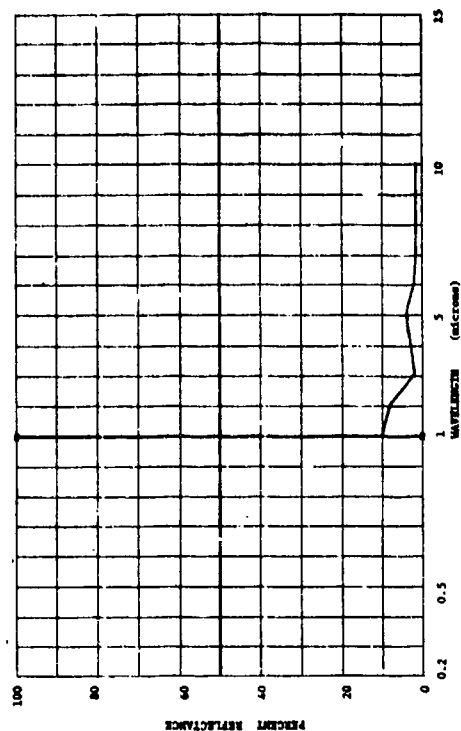
PARAMETER INFORMATION					
DATE=	SS	TIME=	LAT=	LONG=	RANGE=
DAYS RE=	18	TIDE=	LAZ=	CN=	TRD= X
OBSI=	TIDE=	UTRD SP=	UTRD DI=	CID=	VLS=
TEND=	REN FT=	B AVE= 1			



Uniform Fabric, Worsted Tropical Khaki, Medium Cloth Weave. (CONFIDENTIAL)

SUBJECT CODES	PCNM
AKA	
FOCI	

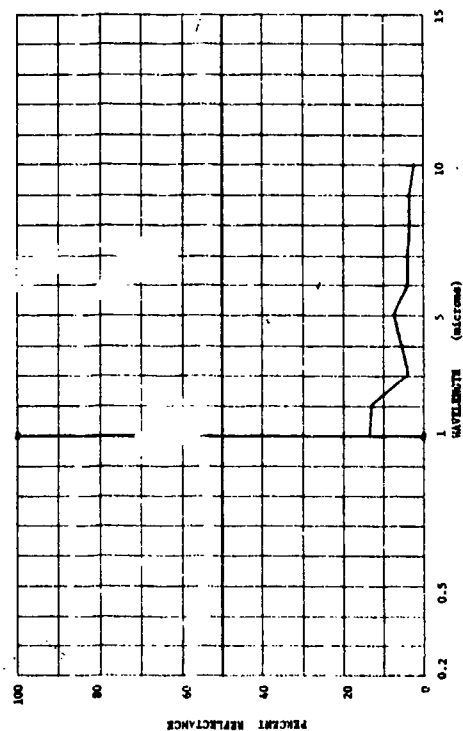
PARAMETER INFORMATION					
DATE=	SS	TIM=		LAT=	RANGE=
DAYS RE=		TH=		LON=	TR=
OBS=		TIM=		CH=	CAL=
TIM=		END PT=		VWD DI=	CLS=
				N AVG=	VLC=



Uniform Fabric, Wool Flannel, Olive Drab, Medium Cloth Weave. (CONFIDENTIAL)

SUBJECT CODES	DATA	LC#s	REF
100-443888-100	100-443888-100	100-443888-100	100-443888-100

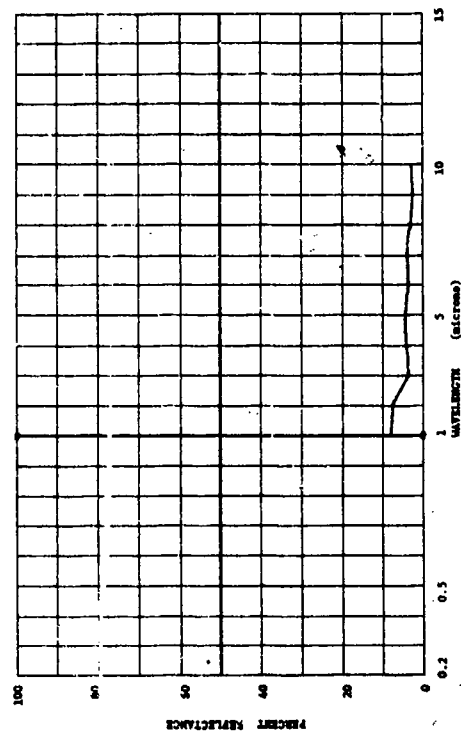
PARAMETER INFORMATION					
DATE=	SS	TIME=	LAT=	LONG=	RANGE=
DAYS BE=	18		LAT=	CN=	IRB- I
OBS=		TIME=	WIND SP=	WIND DT=	VIS-
TIME=		DES PT=	N AVE= 1		



Uniform Fabric: Cotton Twill Khaki. Medium Cloth Weave. (CONFIDENTIAL)

SUBJECT CODES	DATA	PCRB
1000	1000	1000
1001	1001	1001
1002	1002	1002
1003	1003	1003
1004	1004	1004
1005	1005	1005
1006	1006	1006
1007	1007	1007
1008	1008	1008
1009	1009	1009
1010	1010	1010
1011	1011	1011
1012	1012	1012
1013	1013	1013
1014	1014	1014
1015	1015	1015
1016	1016	1016
1017	1017	1017
1018	1018	1018
1019	1019	1019
1020	1020	1020
1021	1021	1021
1022	1022	1022
1023	1023	1023
1024	1024	1024
1025	1025	1025
1026	1026	1026
1027	1027	1027
1028	1028	1028
1029	1029	1029
1030	1030	1030
1031	1031	1031
1032	1032	1032
1033	1033	1033
1034	1034	1034
1035	1035	1035
1036	1036	1036
1037	1037	1037
1038	1038	1038
1039	1039	1039
1040	1040	1040
1041	1041	1041
1042	1042	1042
1043	1043	1043
1044	1044	1044
1045	1045	1045
1046	1046	1046
1047	1047	1047
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1050	1050	1050
1051	1051	1051
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1055	1055	1055
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1059	1059	1059
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1063	1063	1063
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1079	1079	1079
1080	1080	1080
1081	1081	1081
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1083	1083	1083
1084	1084	1084
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1086	1086	1086
1087	1087	1087
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1090	1090	1090
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1092	1092	1092
1093	1093	1093
1094	1094	1094
1095	1095	1095
1096	1096	1096
1097	1097	1097
1098	1098	1098
1099	1099	1099

	PARAMETER INFORMATION	LAT=	LONG=	ALT=	RANGE=
BATH=	SS THIN=	LAY=	CN=	CAS=	IRID= I
DAYS RE=	IM=	TIME=	WIND SP=	CLD=	VIS=
OBS=	TIME=	M AVG=	WIND DIR=		
TEMP=	DEG F=				



CONFIDENTIAL

CONFIDENTIAL

AKA :

• H1:004-007 Black Clack. (CONFIDENTIAL)

SUBJECT CODES

ACADEMIC	AAHA	EF/REL	CDC	CED	DPAA	DFCD	DK	PCAC	ECAD
----------	------	--------	-----	-----	------	------	----	------	------

PARAMETER INFORMATION

DATE	64	TIME
DAYS ED		IN
COST		TIME
TIME		DEM PT

Days	10	20	30
Mean	1.0	1.0	1.0
SD	0.2	0.2	0.2

[illegible]

Case#	Time	Time	Def Pt
11249	11:24:50	11:25:00	11:25:00
11250	11:25:00	11:25:10	11:25:10
11251	11:25:10	11:25:20	11:25:20
11252	11:25:20	11:25:30	11:25:30
11253	11:25:30	11:25:40	11:25:40
11254	11:25:40	11:25:50	11:25:50
11255	11:25:50	11:26:00	11:26:00
11256	11:26:00	11:26:10	11:26:10
11257	11:26:10	11:26:20	11:26:20
11258	11:26:20	11:26:30	11:26:30
11259	11:26:30	11:26:40	11:26:40
11260	11:26:40	11:26:50	11:26:50
11261	11:26:50	11:27:00	11:27:00
11262	11:27:00	11:27:10	11:27:10
11263	11:27:10	11:27:20	11:27:20
11264	11:27:20	11:27:30	11:27:30
11265	11:27:30	11:27:40	11:27:40
11266	11:27:40	11:27:50	11:27:50
11267	11:27:50	11:28:00	11:28:00
11268	11:28:00	11:28:10	11:28:10
11269	11:28:10	11:28:20	11:28:20
11270	11:28:20	11:28:30	11:28:30
11271	11:28:30	11:28:40	11:28:40
11272	11:28:40	11:28:50	11:28:50
11273	11:28:50	11:29:00	11:29:00
11274	11:29:00	11:29:10	11:29:10
11275	11:29:10	11:29:20	11:29:20
11276	11:29:20	11:29:30	11:29:30
11277	11:29:30	11:29:40	11:29:40
11278	11:29:40	11:29:50	11:29:50
11279	11:29:50	11:30:00	11:30:00
11280	11:30:00	11:30:10	11:30:10
11281	11:30:10	11:30:20	11:30:20
11282	11:30:20	11:30:30	11:30:30
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11284	11:30:40	11:30:50	11:30:50
11285	11:30:50	11:31:00	11:31:00
11286	11:31:00	11:31:10	11:31:10
11287	11:31:10	11:31:20	11:31:20
11288	11:31:20	11:31:30	11:31:30
11289	11:31:30	11:31:40	11:31:40
11290	11:31:40	11:31:50	11:31:50
11291	11:31:50	11:32:00	11:32:00
11292	11:32:00	11:32:10	11:32:10
11293	11:32:10	11:32:20	11:32:20
11294	11:32:20	11:32:30	11:32:30
11295	11:32:30	11:32:40	11:32:40
11296	11:32:40	11:32:50	11:32:50
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11301	11:33:30	11:33:40	11:33:40
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11305	11:34:10	11:34:20	11:34:20
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11307	11:34:30	11:34:40	11:34:40
11308	11:34:40	11:34:50	11:34:50
11309	11:34:50	11:35:00	11:35:00
11310	11:35:00	11:35:10	11:35:10
11311	11:35:10	11:35:20	11:35:20
11312	11:35:20	11:35:30	11:35:30
11313	11:35:30	11:35:40	11:35:40
11314	11:35:40	11:35:50	11:35:50
11315	11:35:50	11:36:00	11:36:00
11316	11:36:0		

LAT-
LAZ-
UTMD SP-
N AZL- 1

157000 57-
-2771

1 -FLAV N
15 AUG 78

Y -ZAY N
-JIS NUTIN

100-443614
-10
-2007

THE

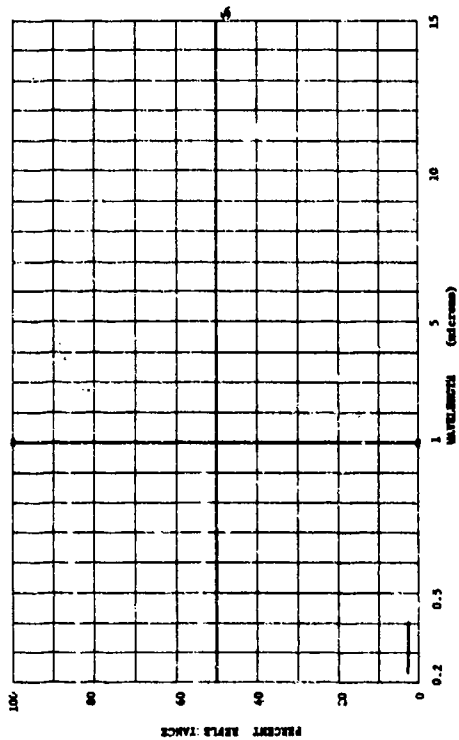
—TODAY

Widening

-51A
 1-211
 -51A

112-113

5



I	WATER-SOLUBLE	(microns)
5		

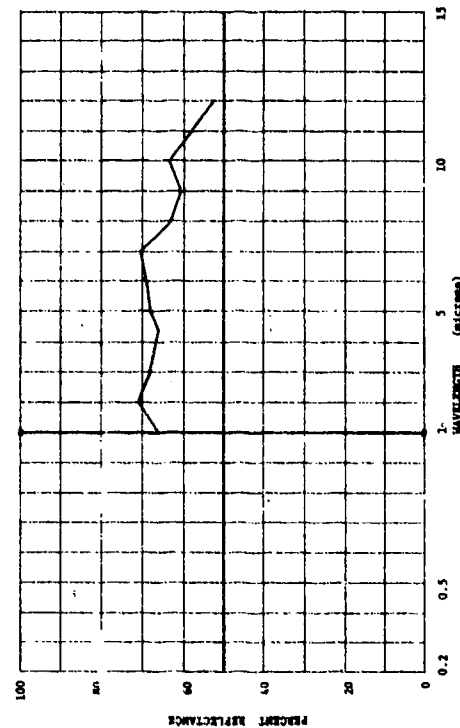
CONFIDENTIAL

AEA
TARGET MATERIALS
Aluminum

AFA 1

* M13501-045
Aluminum Foil Bonded To Brown Kraft Paper, Aluminum Specular. (CONFIDENTIAL)

SUBJECT CODES									
ATA	CIC	CED	DFAA	DEC	ECCA	ECCB	ECCC	ECCD	ECEE

[illegible]

SECRET

AEB
TARGET MATERIALS
Asphalt

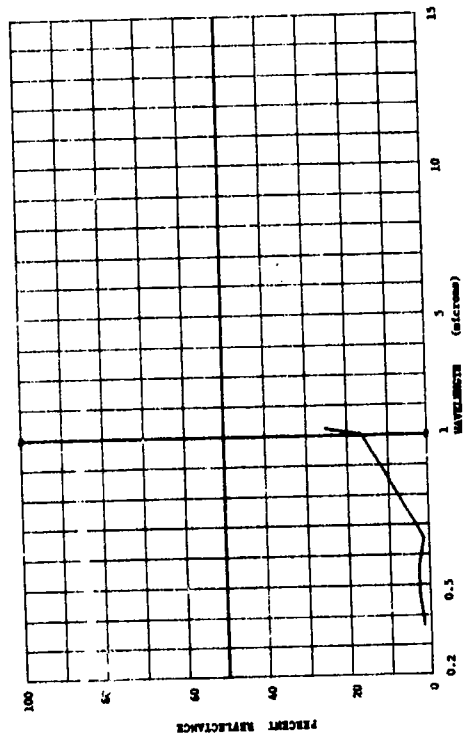
SECRET

ABD 1

• E 3945-008 Asphalt, Smooth, Dry. (SECRET)

SURVEY CODES
ALS CD CDD DPA DPC DE ECAD EEB ECA

PARAMETER INFORMATION
DATE- 04 TIME-
NAME- W- 1234-
OBJ- 1234-
TIME- 1234-
LAT- 1234-
LONG- 1234-
WIND DIR-
WIND SP- 1
ELEV- 1
RANGE-
TBS- E
VIS- 1



SECRET

AEC
TARGET MATERIALS
Brick

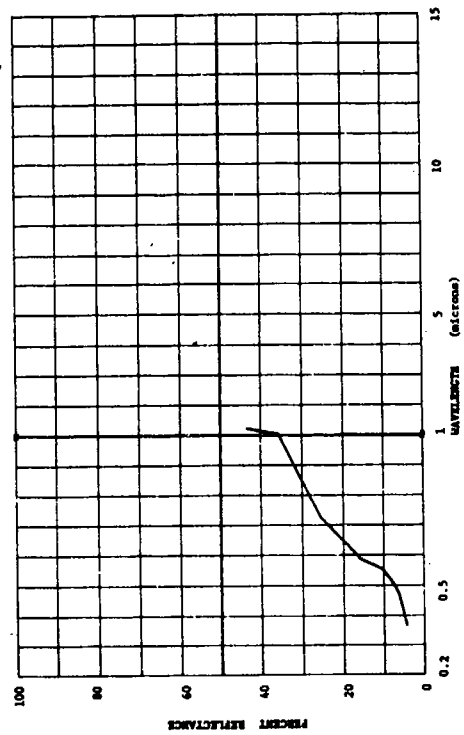
SECRET

AEC 1

• D13946-001
Light Red Brick, Dry. (SECRET)

[illegible]

PARAMETER INFORMATION					
DATES	TIME-	LAT-	LONG-	ALT-	RANGE-
BEGN	04	LLS	CEN	CAL	TSS- E
END	18	WID	WIND DI-	CLD	VIS-
CONST	TIME- <td>SF-<td></td><td></td><td></td></td>	SF- <td></td> <td></td> <td></td>			
TEMP- <td>DOY FT-<td>N AVE- 1<td></td><td></td><td></td></td></td>	DOY FT- <td>N AVE- 1<td></td><td></td><td></td></td>	N AVE- 1 <td></td> <td></td> <td></td>			



SECRET

AEG
TARGET MATERIALS
Concrete

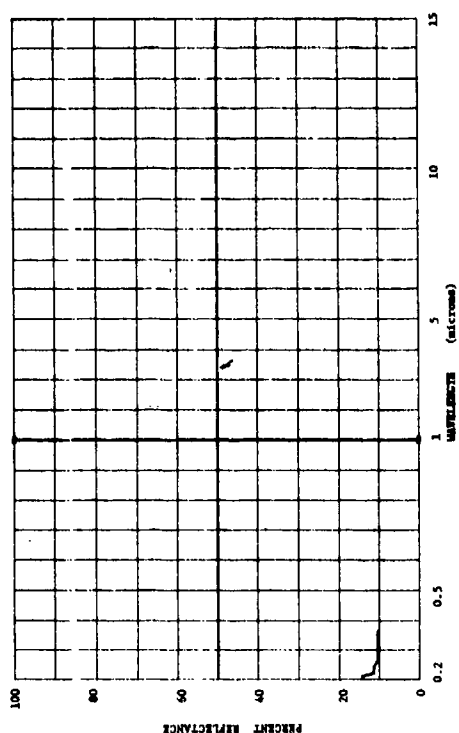
Very Wet Concrete. (CONFIDENTIAL)

SUBJECT CODES

	ABC	CDC	CEU	LFAA	DYCD	DE	ECAC	ECLAD
--	-----	-----	-----	------	------	----	------	-------

PARAMETER DISCUSSION

DATE	64	TIME	ALT	NAME
DAYS	RE	12	CAS	110- 8
COST	TIME	WIND	CLD	710-
TIME	NEW P7	N AVG	1	



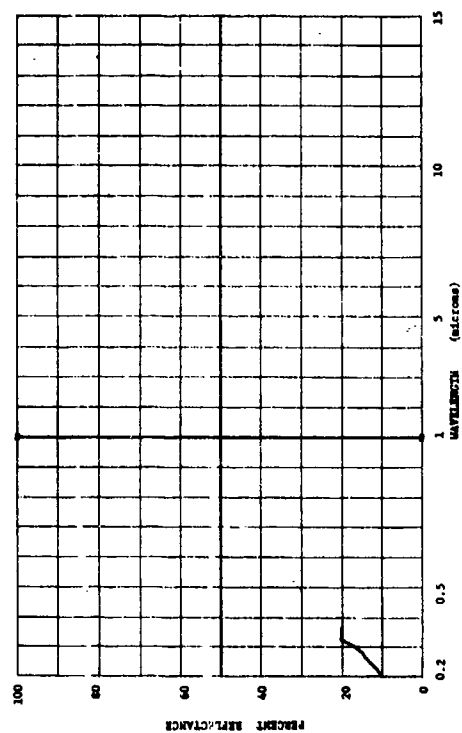
W14004-017 Wet Concrete. (CONFIDENTIAL)

SUBJECT CODES

ABC	CDC	CFD	DFAA	DFCD	DK	ECAC	ECAD
-----	-----	-----	------	------	----	------	------

PARAMETER INFORMATION

DATE		TIME	LA ¹	LONG	ALT	RANGE
DATE	64					
TIME						
DATE	62					
TIME						
DATE	65					
TIME						
DATE	66					
TIME						
DATE	67					
TIME						
DATE	68					
TIME						
DATE	69					
TIME						
DATE	70					
TIME						
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DATE	72					
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TIME						
DATE	00					
TIME						
DATE	01					
TIME						
DATE	02					
TIME						
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DATE	04					
TIME						
DATE	05					
TIME						
DATE	06					
TIME						
DATE	07					



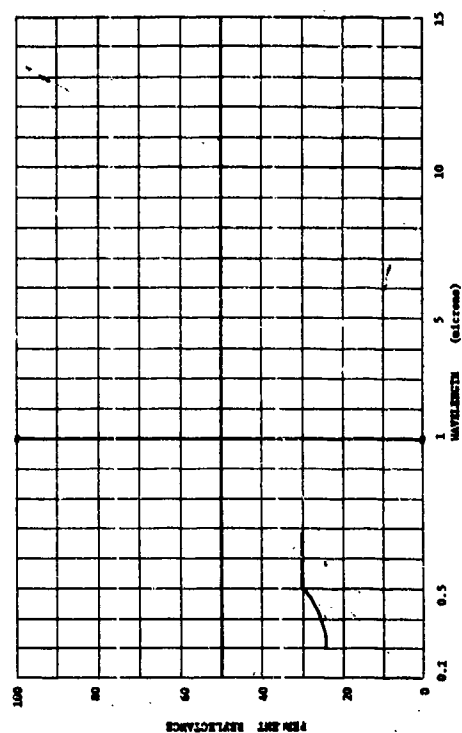
91A-004-055 Concrete Sample Number 1. (CONFIDENTIAL)

SUBJECT CODES

	ARE	CED	DPA	DFCD	DK	ECAE	ECS
--	-----	-----	-----	------	----	------	-----

PARAMETER INFORMATION

ADDITIONAL INFORMATION					
DATE	TIME	LAT	LONG	RANGE	
DATE REP	REP	LAT	CN	CAS	TR- S
ORIG	TIME	VIND ST	VIND DI	CLD	VIS
TIME	DEG PT	B AVE	1		



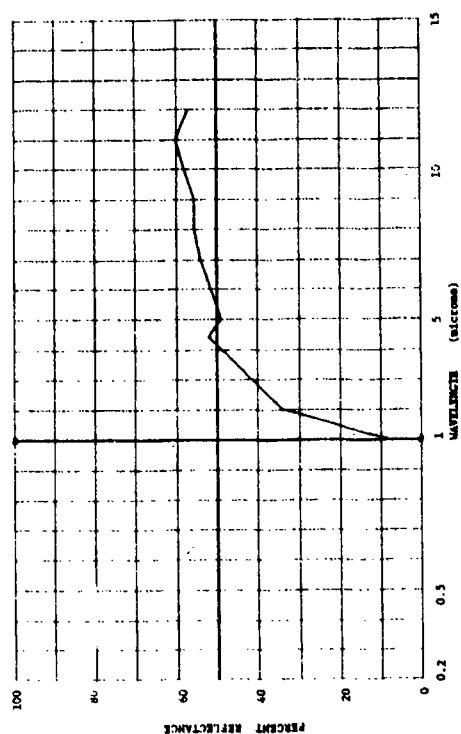
AEH
TARGET MATERIALS
Dirt

AEI
TARGET MATERIALS
Galvanized Steel

AZI 1

SUBJECT CODES	AEI	CDC
000000		
000001		
000002		
000003		
000004		
000005		
000006		
000007		
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000098		
000099		

PARAMETER INFORMATION		LONGITUDE		RANGE	
DATE=	55	LAT=	ALT=	IR=	E
DAYS RE=	14	LAT=	CAS=	IR=	E
WCT=	17000	WIND SP=	CLD=	WIND	DI=
TEMP=	DEM F1=	h	AVE=	1	



CONFIDENTIAL

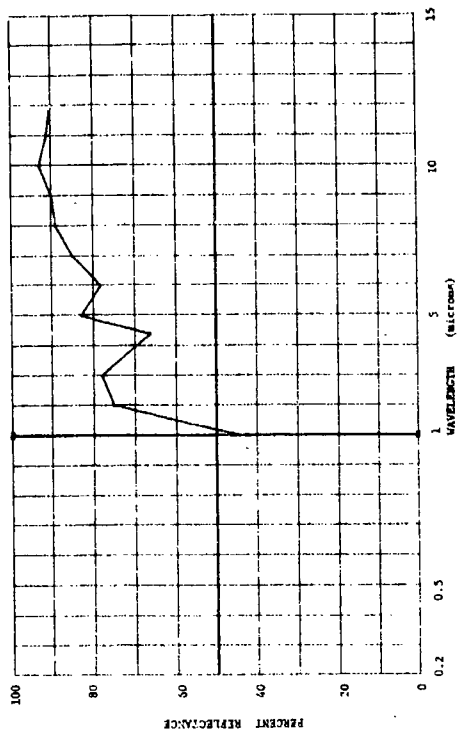
AEL
TARGET MATERIALS
Metal

SECRET

AEL 2

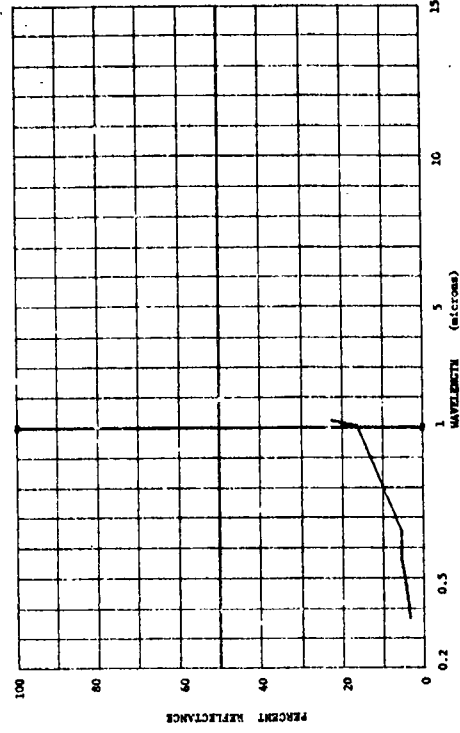
• 813501-043 Tin Plate, Silver, On Mild Steel, Specular. (CONFIDENTIAL)

SUBJECT CODES
AEL CND CND DPA DNG ECCA ECCB ECCD ECCD ECCD
PARAMETER INFORMATION
DATE 55 TIME 11:00
DAY 10-10-64
OBS 10-10-64
TEMP 10-10-64
WIND SP 10-10-64
WIND DIR 10-10-64
WAVE 10-10-64
RANGE 10-10-64
IR 10-10-64
VIS 10-10-64



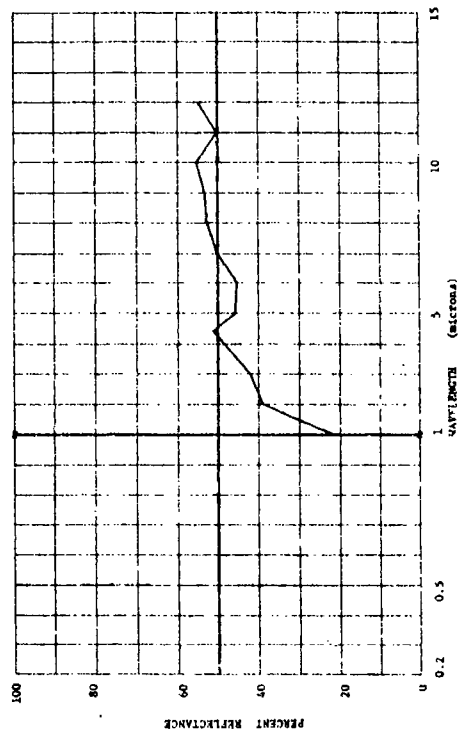
• 813946-006 Weathered Steel, Dry. (SECRET)

SUBJECT CODES
AEL CND CND DPA DNG ECCA ECCB ECCD ECCD ECCD
PARAMETER INFORMATION
DATE 55 TIME 11:00
DAY 10-10-64
OBS 10-10-64
TEMP 10-10-64
WIND SP 10-10-64
WIND DIR 10-10-64
WAVE 10-10-64
RANGE 10-10-64
IR 10-10-64
VIS 10-10-64



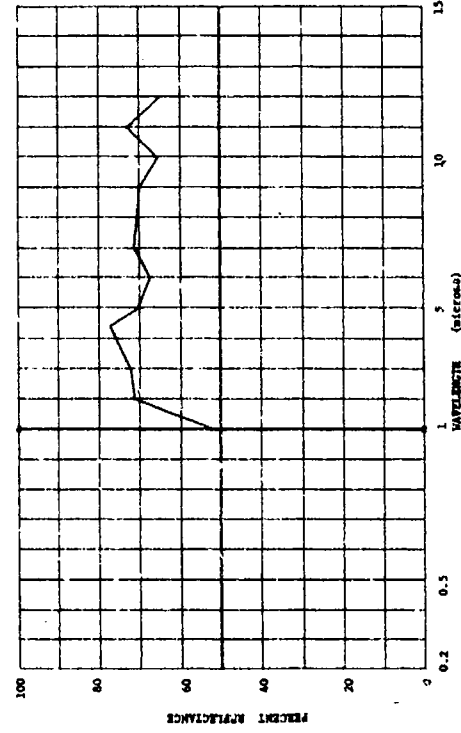
• 813501-044 Stainless Steel Polished Silver, Specular. (CONFIDENTIAL)

SUBJECT CODES
AEL CND CND DPA DNG ECCA ECCB ECCD ECCD ECCD
PARAMETER INFORMATION
DATE 55 TIME 11:00
DAY 10-10-64
OBS 10-10-64
TEMP 10-10-64
WIND SP 10-10-64
WIND DIR 10-10-64
WAVE 10-10-64
RANGE 10-10-64
IR 10-10-64
VIS 10-10-64



• 813501-044 Chromium Plate, Silver, On Mild Steel, Specular. (CONFIDENTIAL)

SUBJECT CODES
AEL CND CND DPA DNG ECCA ECCB ECCD ECCD ECCD
PARAMETER INFORMATION
DATE 55 TIME 11:00
DAY 10-10-64
OBS 10-10-64
TEMP 10-10-64
WIND SP 10-10-64
WIND DIR 10-10-64
WAVE 10-10-64
RANGE 10-10-64
IR 10-10-64
VIS 10-10-64



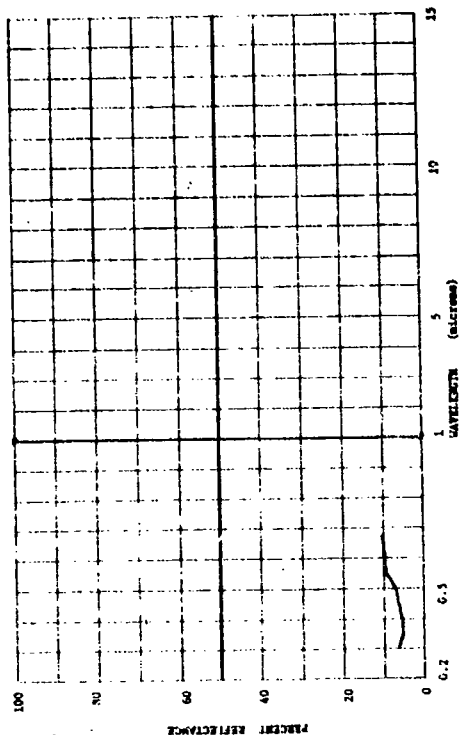
SECRET

CONFIDENTIAL

AEL 3

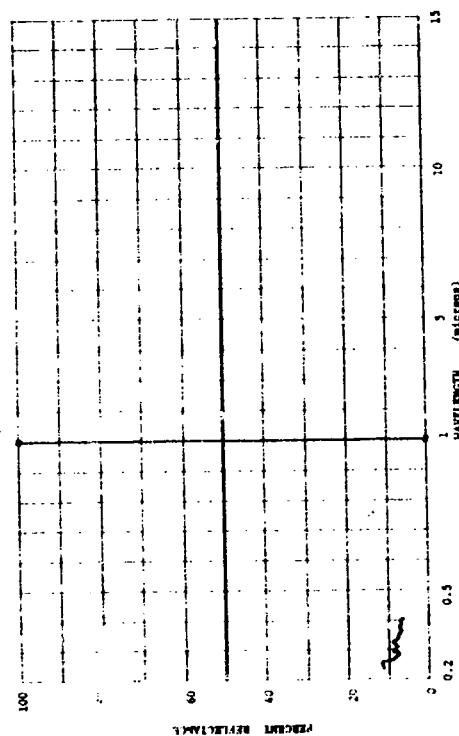
• 814004-039 Rusty Iron. (CONFIDENTIAL)

SUBJECT CODES
ALL CD CUD DPA DPCD DK SCAD SZC
PARAMETER INFORMATION
DATE 04 TIME
RUST 3a IN
DIST 10000
TEMP 100
LAT 10
LON 10
WIND SP 10
WIND DIR 10
S AVE 1
RANGE
IR 1
VIS 1
ALT
CAS
CLD



• 814004-003 Rusty Iron. (CONFIDENTIAL)

SUBJECT CODES
ALL CUC DPA DPCD DK SCAC SZC
PARAMETER INFORMATION
DATE 04 TIME
RUST 3a IN
DIST 10000
TEMP 100
LAT 10
LON 10
WIND SP 10
WIND DIR 10
S AVE 1
RANGE
IR 1
VIS 1
ALT
CAS
CLD

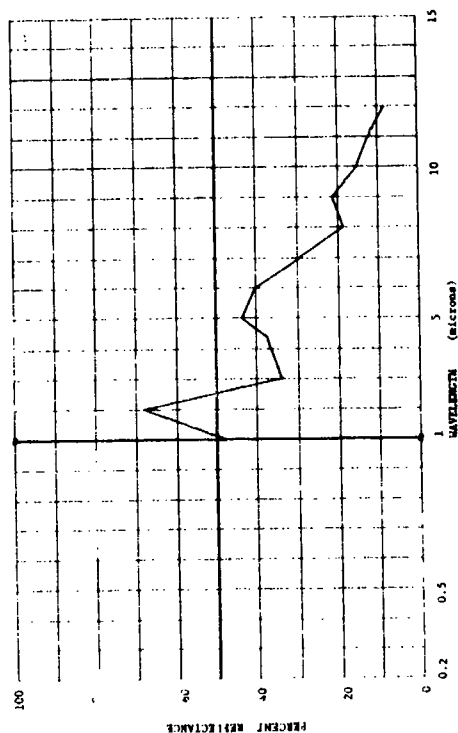


CONFIDENTIAL

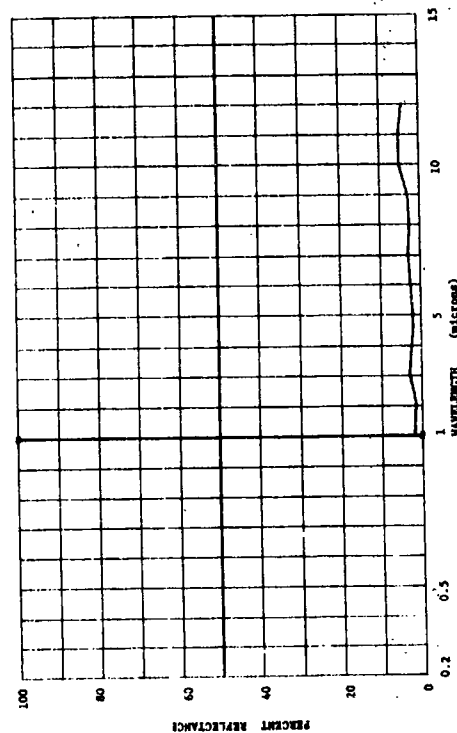
AEM
TARGET MATERIALS
Paint

AEM 1

Zinc Chromate Lacquer. Yellow. On Mild Steel. Full Gloss. (CONFIDENTIAL)

[illegible]

011501-017
Esmert. Black, On Mild Steel. Flat. (CONFIDENTIAL)

[illegible]

CONFIDENTIAL

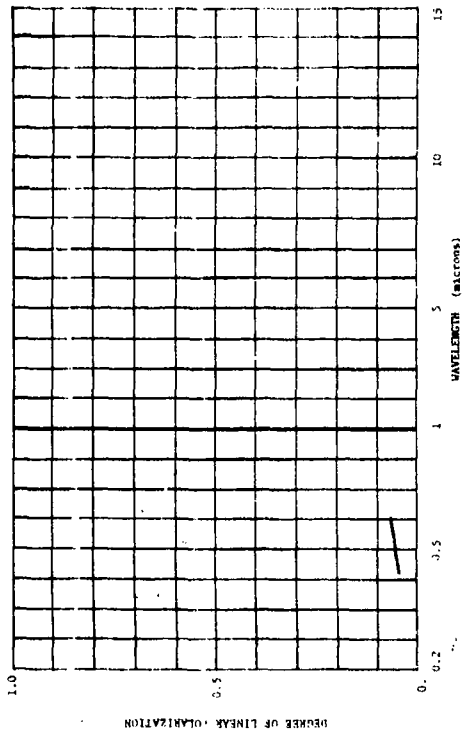
CONFIDENTIAL

AEM 2

*B1384-006 Dirty Gray Truck Top. (CONFIDENTIAL)

SUBJECT CODES
AEM ECRAM AEM AALF CEC CN DDBC DLF ECH

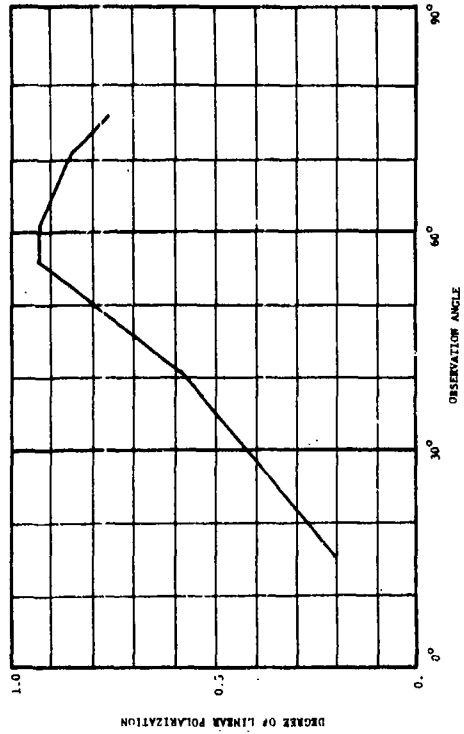
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DAYS RE= 10-60
OBS= 10-60
TDR= 10-60
LAT= 0
LON= 0
CH= 0
WIND SP= 0
WIND DI= 0
N AVE= 1
RANGE= 180
TDR= E
VIS= 1



*B1384-020 Flat Gray Paint Surfaces. (CONFIDENTIAL)

SUBJECT CODES
AEM ECRAM AEM AALF CEC CN DDBC DLF ECH

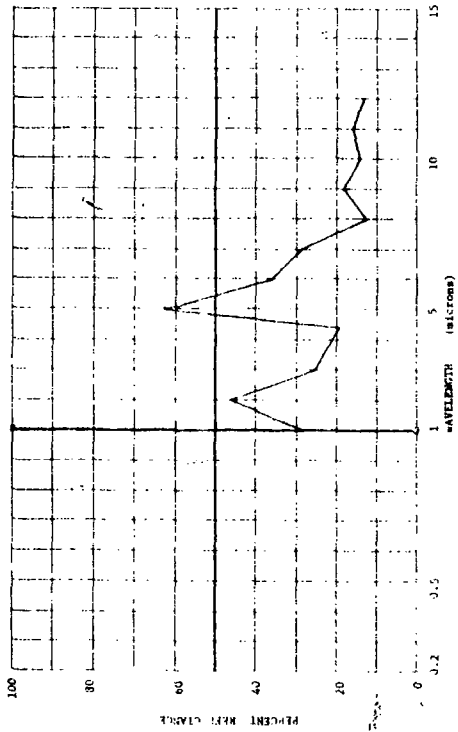
PARAMETER INFORMATION
DATE= 10-60
DAYS RE= 10-60
OBS= 10-60
TDR= 10-60
LAT= 0
LON= 0
CH= 0
WIND SP= 0
WIND DI= 0
N AVE= 1
RANGE= 180
TDR= E
VIS= 1



*B13501-037 Enamel, Grey, on Mild Steel, Full Gloss. (CONFIDENTIAL)

SUBJECT CODES
AEM ECRAM AEM AALF CEC CN DDBC DLF ECH

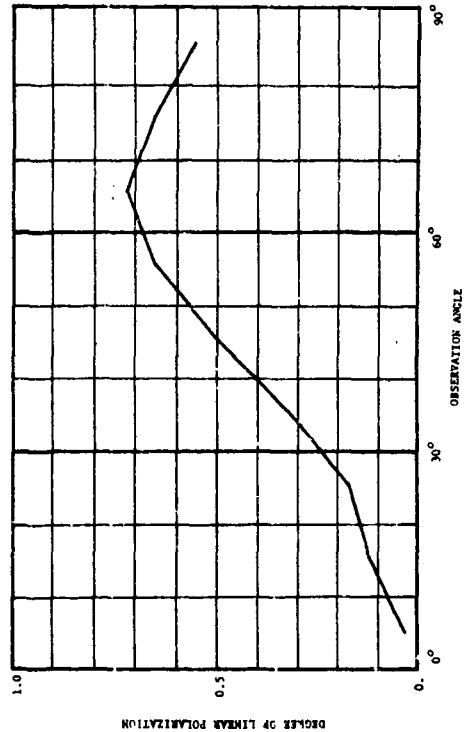
PARAMETER INFORMATION
DATE= 10-60
DAYS RE= 10-60
OBS= 10-60
TDR= 10-60
LAT= 0
LON= 0
CH= 0
WIND SP= 0
WIND DI= 0
N AVE= 1
RANGE= 180
TDR= E
VIS= 1



*B1384-019 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES
AEM ECRAM AEM AALF CEC CN DDBC DLF ECH

PARAMETER INFORMATION
DATE= 10-60
DAYS RE= 10-60
OBS= 10-60
TDR= 10-60
LAT= 0
LON= 0
CH= 0
WIND SP= 0
WIND DI= 0
N AVE= 1
RANGE= 180
TDR= E
VIS= 1



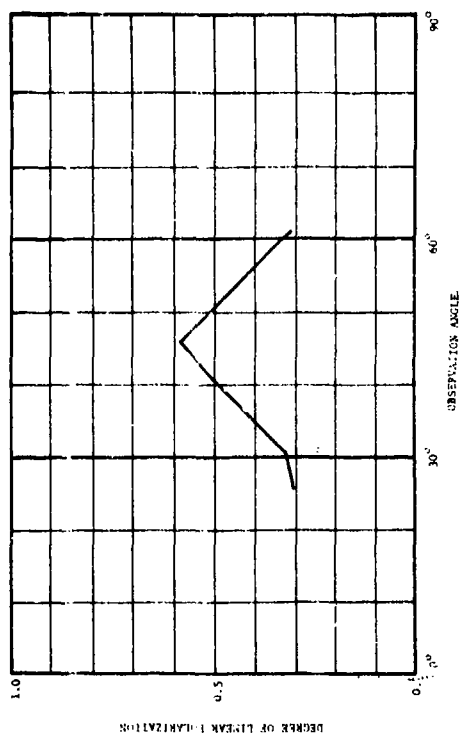
CONFIDENTIAL

• B13864-050 Flat Gray Paint. (CONFIDENTIAL)

SUBJECT CODES

PARAMETER INFORMATION			
DATE=	TIME=		
DAYS RE=	IN= 30		
ONST=	TEMP=		
TEMP=	DEM PT=		

LONG=	ALT=	RANGE=
CS=	CAZ= 180	TRR= E
UTED DT=	CLD=	VIS=
LANBDA=		- 56



213846-052
Flat Gray Point. (CONFIDENTIAL)

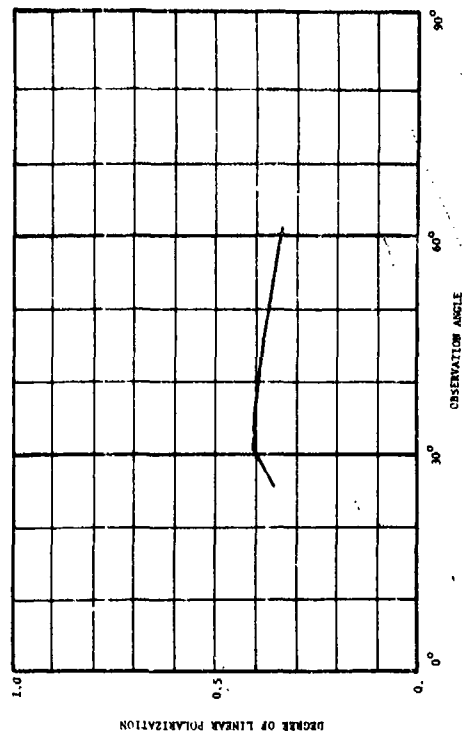
SUBJECT CODES

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PARAMETER INFORMATION
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DAYS RE=       IN=30
OBS=          TEMP=
TEMP=         DEN FT

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LONG=      ALT=      RANGE=
CN=        CAZ=      LRR=  E
          CLD=      VIS=
WIND DI=
LAVEDA=    .486
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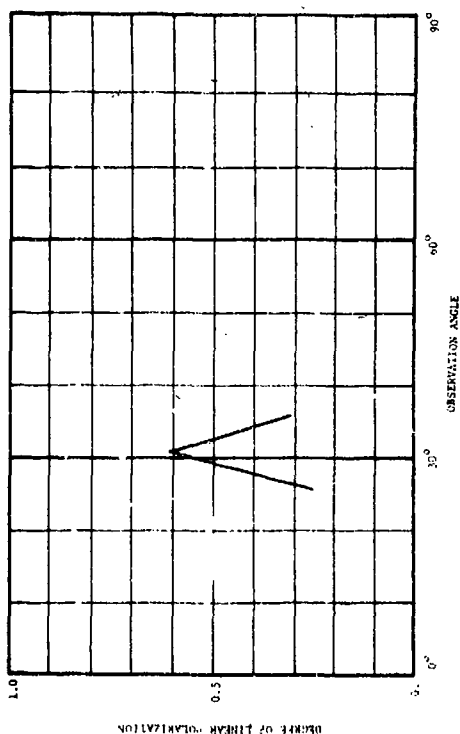


• 213864--049 Flat Gray Paint. (CONFIDENTIAL)

SUBJECT CODES

PARAMETER INFORMATION			
DATE=	TIME=		
DAYS RE=	IN= 30		
ORIG=	TIMEP=		
TEMP=	DEM PT=		

LONG= ALT= RANGE=
CN= CAZ= 180 IRR= E
WIND DI= CLD= VIS=
LWDA= .706

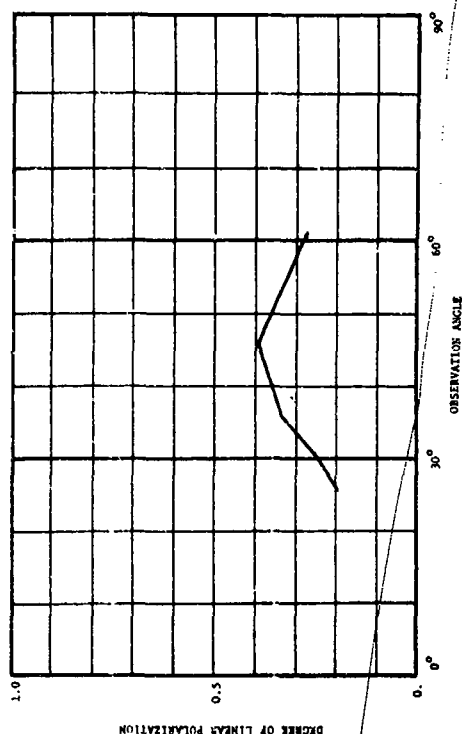


FD-306 (Rev. 5-22-64)

SUBJECT CODES

PARAMETER INFORMATION			
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		DEM PT=	

ALC= RANGE=
LN= TRN= E
UNITD DI= VIS=
LAMBDA= .546

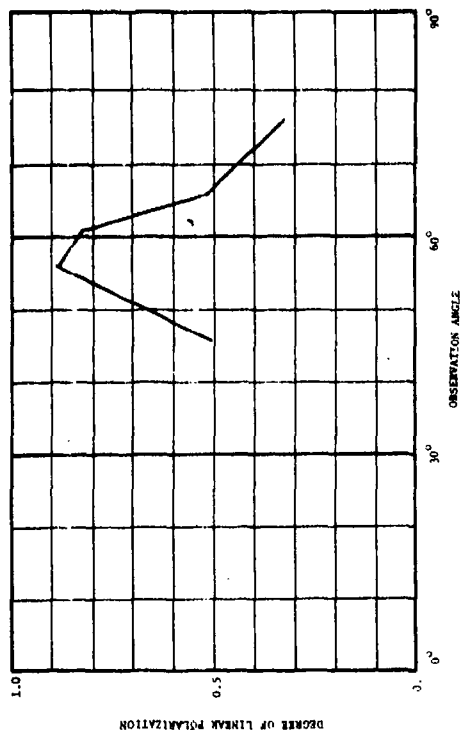


CONFIDENTIAL

SUBJECT CODES

2
 3
 4
 5
 6
 7
 8

PARAMETER INFORMATION					
DAYS=	64	TIME=			
DAT=		LR=	60		
DAYS RE=		TITER=			
OBS=		UTRO SP=			
TIME=		N AVE=	1		
		DEM PT=			
		LAT=			
		LONG=			
		CR=			
		WTRO DIS=			
		LAMBDA=		.423	
		ALT=			
		CALZ=		180	RANGE= E
		CLD=			VIS=

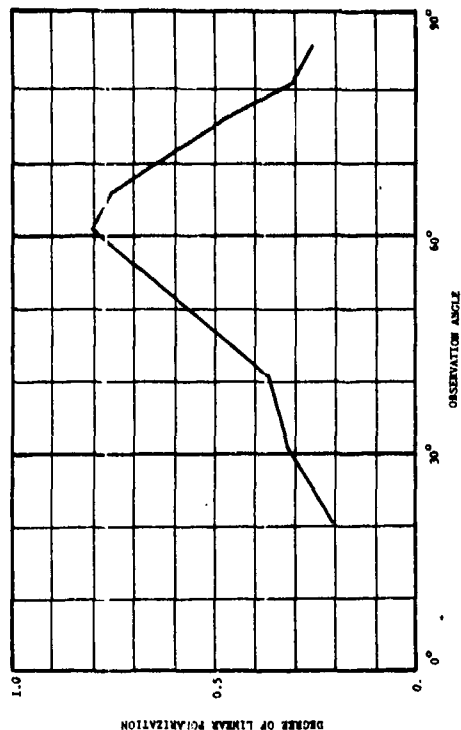


• 913404-040 Flat Gray Paint. (CONFIDENTIAL)

SUBJECT CODES

Year	CH	CHC	DFTD	OK	ACE
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1998	100	100	100	100	100
1999	100	100	100	100	100
2000	100	100	100	100	100
2001	100	100	100	100	100
2002	100	100	100	100	100
2003	100	100	100	100	100
2004	100	100	100	100	100
2005	100	100	100	100	100
2006	100	100	100	100	100
2007	100	100	100	100	100
2008	100	100	100	100	100
2009	100	100	100	100	100
2010	100	100	100	100	100
2011	100	100	100	100	100
2012	100	100	100	100	100
2013	100	100	100	100	100
2014	100	100	100	100	100
2015	100	100	100	100	100
2016	100	100	100	100	100
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2018	100	100	100	100	100
2019	100	100	100	100	100
2020	100	100	100	100	100

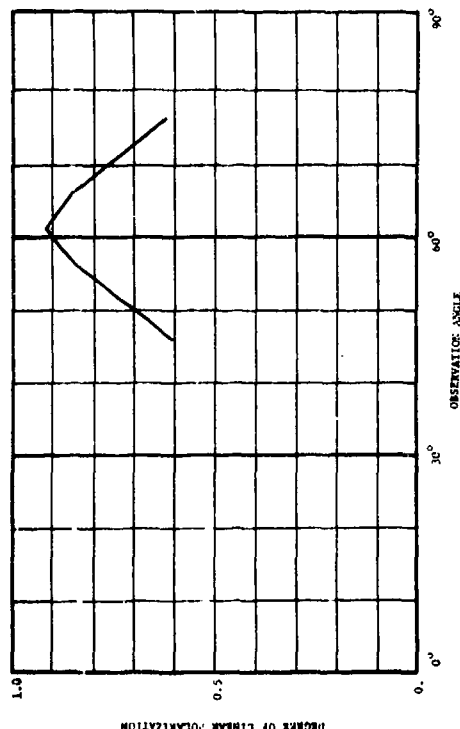
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DAYS RE=	18-90	LAT=			RANGE=
OBS=		LON=			ZER= E
TMR=		CN=			VIS=
TMR=		WIND SP=			
		DIR PT=			
		DEG FT=			
		N AVE=	1		
		LAND=		.656	
		PTED DI=			
		CLD=			
		CAZ=	1.97		
		ALT=			



SUBJECT CODES

1000

PARAMETER INFORMATION					
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OBS=	TIME= 59	WIND SP=	WIND DI=	CLD=	VIS=
TIME=	TIME= 1	N AVE= 1	LAND=		
					.486



101-106-1050
Flet Gray Paper - (CONFIDENTIAL)

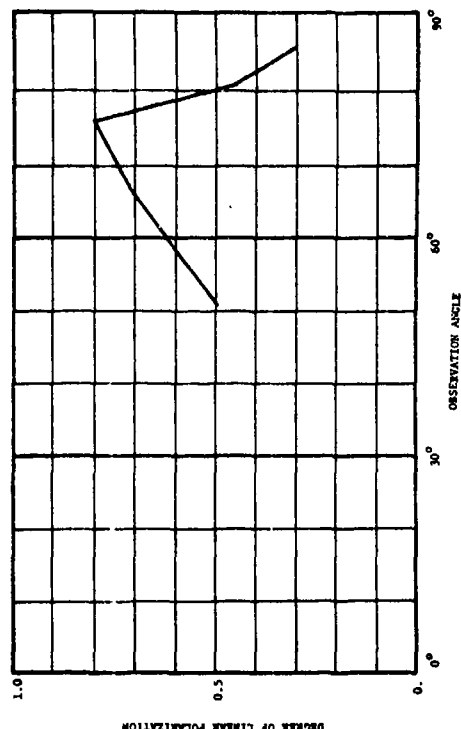
SUBJECT CODES

ECB
DE
DFG
DZG
GZ
GZD

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PARAMETER INFORMATION
DATE=      TIME=
DAYZ=      DAYS EL=
COST=      TTEN=
TIME=      DEM PT=
LAMBDA=    N AVE= 1
WIND DI=   WIND SP=
CALZ=      ALT=
RANGE=     IER= E
VLS=       CLD=
          .706

```



CONFIDENTIAL

CONFIDENTIAL

ARM 7

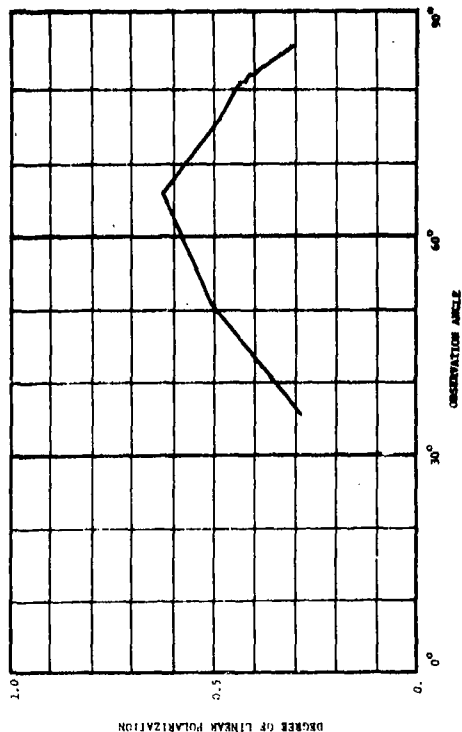
*B13864-062 Flat Gray Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM ECRBK CED CH DORC DTD DK ECR

PARAMETER INFORMATION

DATE- 01/01/60 TIME- 12:00
DAY- 01 MONTH- 01 YEAR- 1960
LAT- 0 LONG- 0
ALT- 0 CLD- 0
RANGE- 0 VIS- 0
WIND SP- 0 WIND DIR- 0
WAVE- 0 WAVE DIR- 0



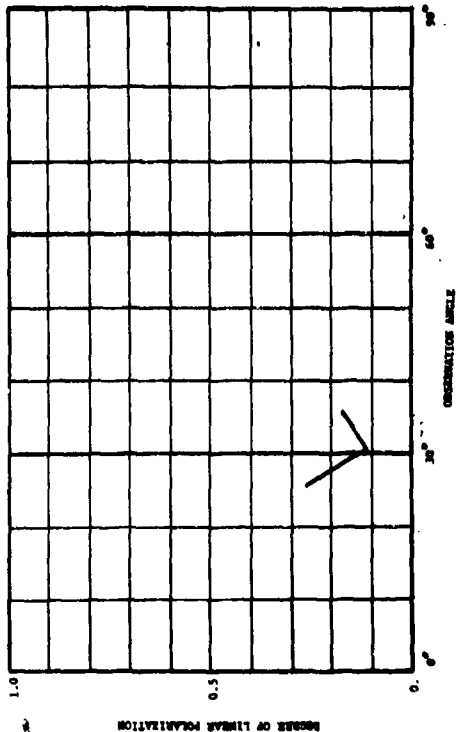
*B13864-079 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM ECRBK CED CH DORC DTD DK ECR

PARAMETER INFORMATION

DATE- 01/01/60 TIME- 12:00
DAY- 01 MONTH- 01 YEAR- 1960
LAT- 0 LONG- 0
ALT- 0 CLD- 0
RANGE- 0 VIS- 0
WIND SP- 0 WIND DIR- 0
WAVE- 0 WAVE DIR- 0



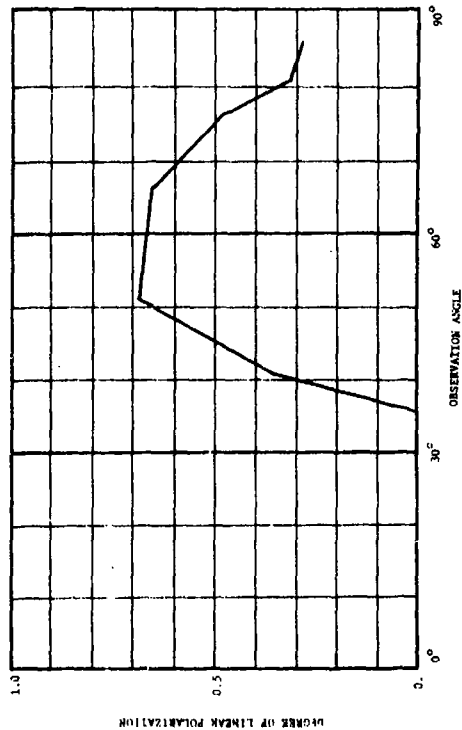
*B13864-061 Flat Gray Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM ECRBK CED CH DORC DTD DK ECR

PARAMETER INFORMATION

DATE- 01/01/60 TIME- 12:00
DAY- 01 MONTH- 01 YEAR- 1960
LAT- 0 LONG- 0
ALT- 0 CLD- 0
RANGE- 0 VIS- 0
WIND SP- 0 WIND DIR- 0
WAVE- 0 WAVE DIR- 0



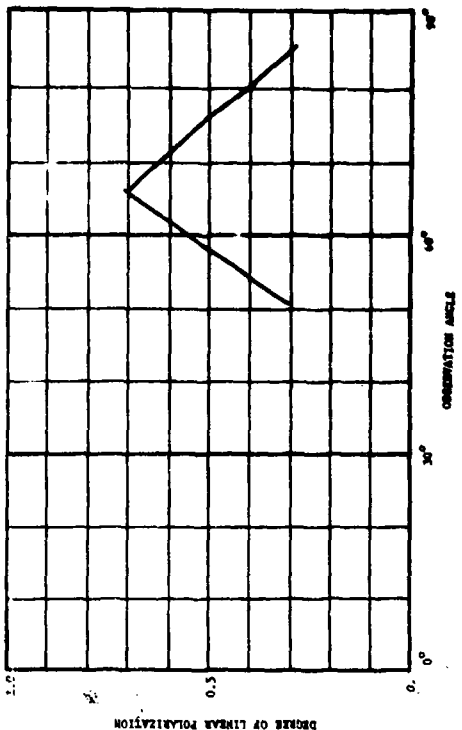
*B13864-063 Flat Gray Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM ECRBK CED CH DORC DTD DK ECR

PARAMETER INFORMATION

DATE- 01/01/60 TIME- 12:00
DAY- 01 MONTH- 01 YEAR- 1960
LAT- 0 LONG- 0
ALT- 0 CLD- 0
RANGE- 0 VIS- 0
WIND SP- 0 WIND DIR- 0
WAVE- 0 WAVE DIR- 0



CONFIDENTIAL

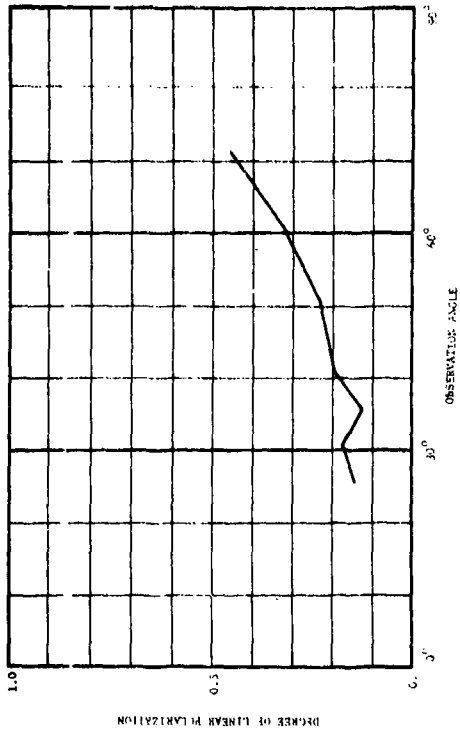
CONFIDENTIAL

AFM 8

*B1384-083 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

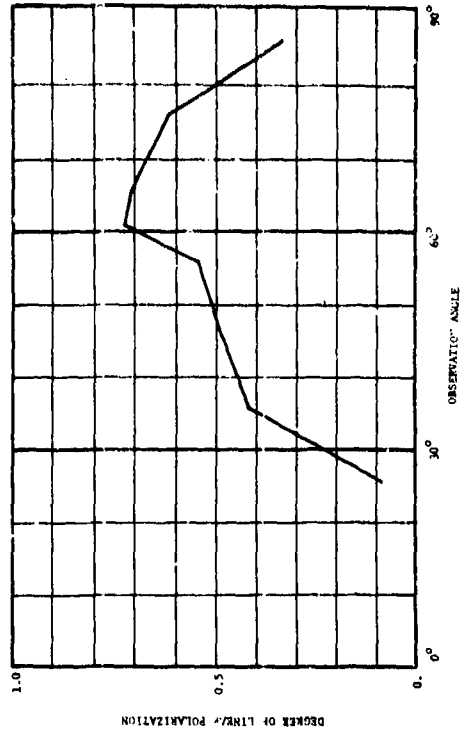
ASH ECRBF CED CN DMC DEF DK ECR
PARAMETER INFORMATION
DATE= TIME= LAT= LONG= ALT= RANGE=
DAYS RE= 14-60 CM= CDS= 180
OBS= 1200-1800 MIND DI= VIS= E
TEMP= DEN PT= S AVE= 1 LAMBDA= .540



*B1384-083 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

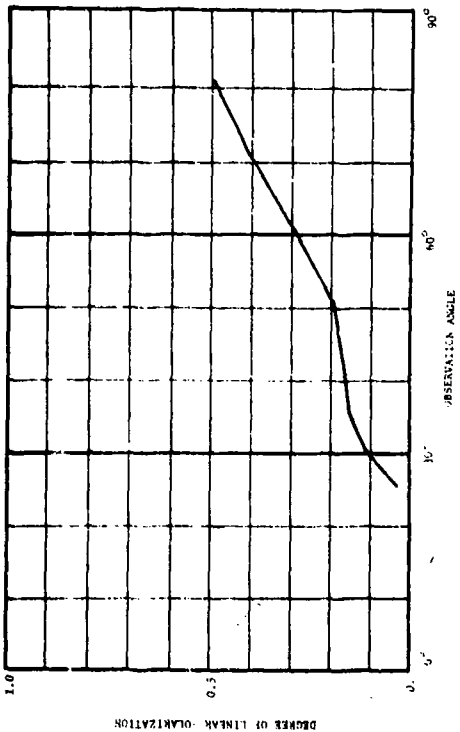
ASH ECRBF CED CN DMC DEF DK ECR
PARAMETER INFORMATION
DATE= TIME= LAT= LONG= ALT= RANGE=
DAYS RE= 14-60 CM= CDS= 180
OBS= 1200-1800 MIND DI= VIS= E
TEMP= DEN PT= S AVE= 1 LAMBDA= .700



*B1384-080 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

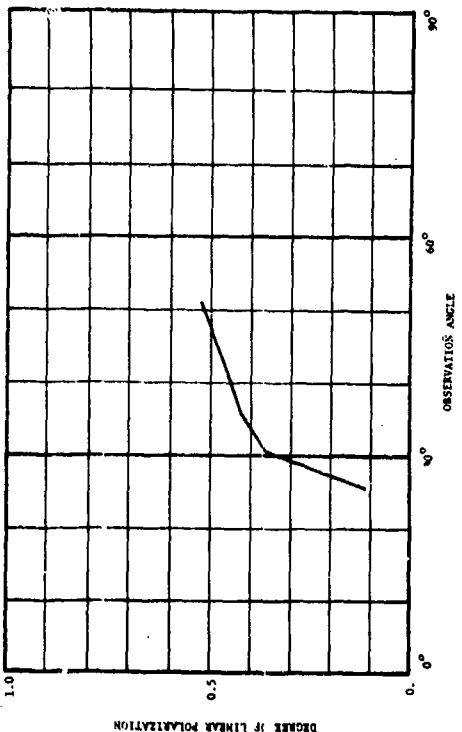
ASH ECRBF CED CN DMC DEF DK ECR
PARAMETER INFORMATION
DATE= TIME= LAT= LONG= ALT= RANGE=
DAYS RE= 14-60 CM= CDS= 180
OBS= 1200-1800 MIND DI= VIS= E
TEMP= DEN PT= S AVE= 1 LAMBDA= .540



*B1384-080 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

ASH ECRBF CED CN DMC DEF DK ECR
PARAMETER INFORMATION
DATE= TIME= LAT= LONG= ALT= RANGE=
DAYS RE= 14-60 CM= CDS= 180
OBS= 1200-1800 MIND DI= VIS= E
TEMP= DEN PT= S AVE= 1 LAMBDA= .540



CONFIDENTIAL

CONFIDENTIAL

ARM 8

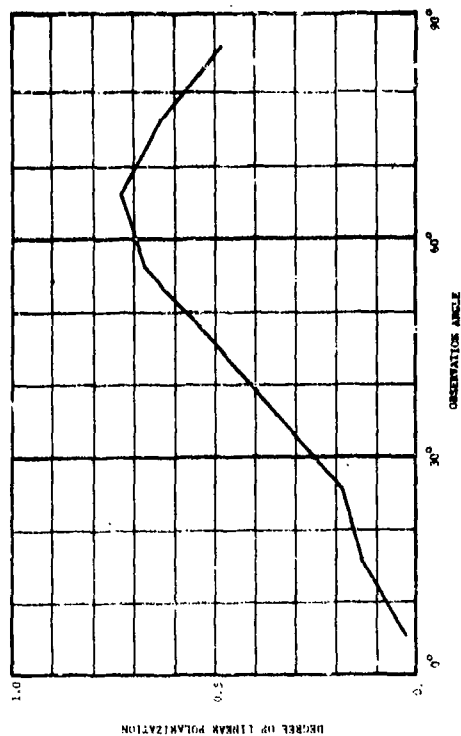
*813864-085 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM ECRBF CED CM DMC DFD DM ECR

PARAMETER INFORMATION

DATE= 10-60 TIME= 13-40
DAYS= 00 HRS= 00 MIN= 00 SEC= 00
OBS= 1 WIND SP= 5 KTS WIND DIR= 180
TEMP= 100 F HUMID= 100% ALT= 100
RANGE= 100 YDS VIS= 10000 YDS



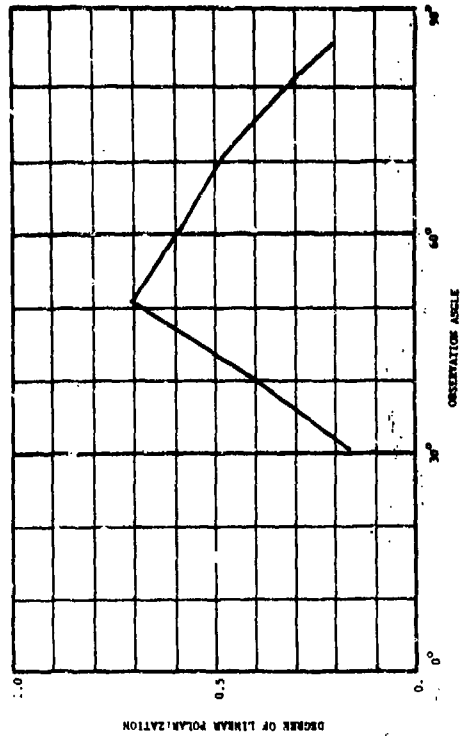
*813864-087 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM ECRBF CED CM DMC DFD DM ECR

PARAMETER INFORMATION

DATE= 10-60 TIME= 13-40
DAYS= 00 HRS= 00 MIN= 00 SEC= 00
OBS= 1 WIND SP= 5 KTS WIND DIR= 180
TEMP= 100 F HUMID= 100% ALT= 100
RANGE= 100 YDS VIS= 10000 YDS



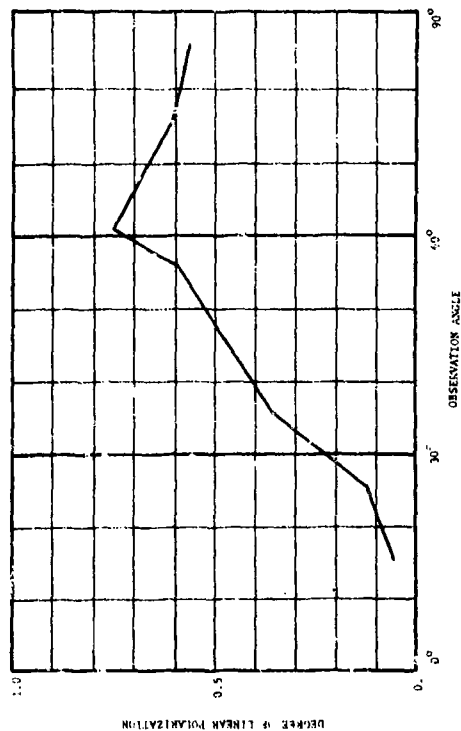
*813864-086 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM ECRBF CED CM DMC DFD DM ECR

PARAMETER INFORMATION

DATE= 10-60 TIME= 13-40
DAYS= 00 HRS= 00 MIN= 00 SEC= 00
OBS= 1 WIND SP= 5 KTS WIND DIR= 180
TEMP= 100 F HUMID= 100% ALT= 100
RANGE= 100 YDS VIS= 10000 YDS



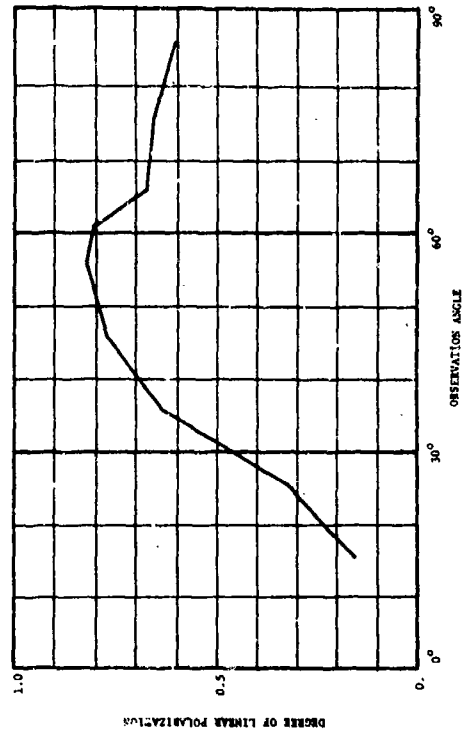
*813864-086 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM ECRBF CED CM DMC DFD DM ECR

PARAMETER INFORMATION

DATE= 10-60 TIME= 13-40
DAYS= 00 HRS= 00 MIN= 00 SEC= 00
OBS= 1 WIND SP= 5 KTS WIND DIR= 180
TEMP= 100 F HUMID= 100% ALT= 100
RANGE= 100 YDS VIS= 10000 YDS



CONFIDENTIAL

CONFIDENTIAL

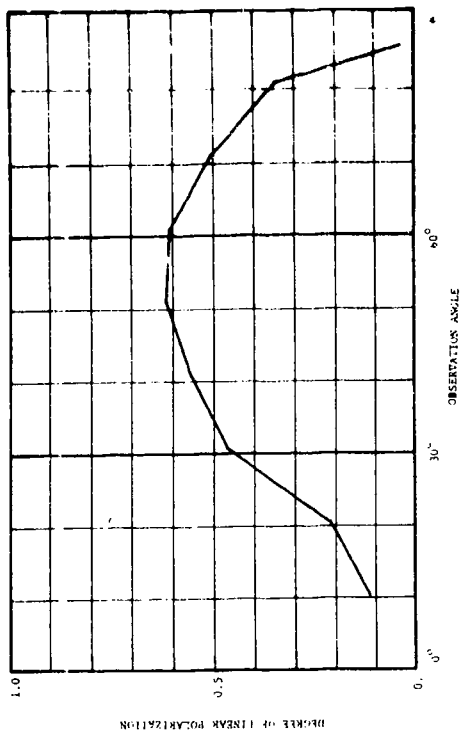
*813864-089 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

AEH EGBF CED CH DUBC DFD DK EGB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= RANGE= 100
DAYS RE= IN=80 IAZ= 0 CH= CAZ= 180 IRR= E
ORST= TTDP= WIND SP= WIND DI= CLD= VIS= 15
TEMP= DEN PT= N AVE= 1 LAMBDA= .546



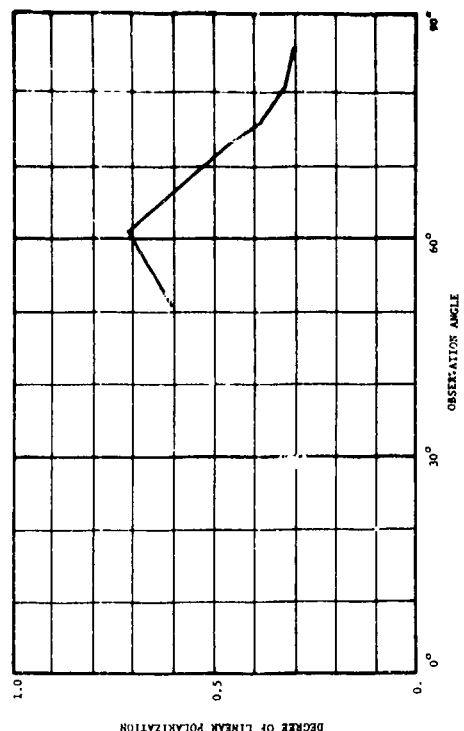
*813864-091 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

AEH EGBF CED CH DUBC DFD DK EGB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= RANGE= 100
DAYS RE= IN=80 IAZ= 0 CH= CAZ= 180 IRR= E
ORST= TTDP= WIND SP= WIND DI= CLD= VIS= 15
TEMP= DEN PT= N AVE= 1 LAMBDA= .423



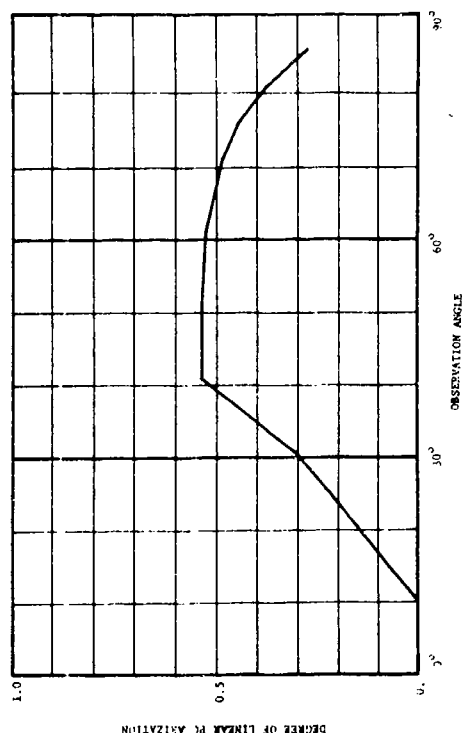
*813864-088 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

AEH EGBF CED CH DUBC DFD DK EGB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= RANGE= 100
DAYS RE= IN=80 IAZ= 0 CH= CAZ= 180 IRR= E
ORST= TTDP= WIND SP= WIND DI= CLD= VIS= 15
TEMP= DEN PT= N AVE= 1 LAMBDA= .656



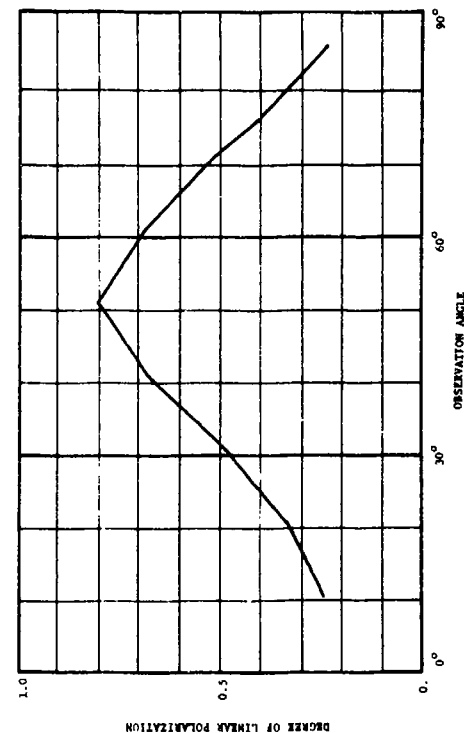
*813864-090 Camouflage Brown Paint. (CONFIDENTIAL)

SUBJECT CODES

AEH EGBF CED CH DUBC DFD DK EGB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= RANGE= 100
DAYS RE= IN=80 IAZ= 0 CH= CAZ= 180 IRR= E
ORST= TTDP= WIND SP= WIND DI= CLD= VIS= 15
TEMP= DEN PT= N AVE= 1 LAMBDA= .486



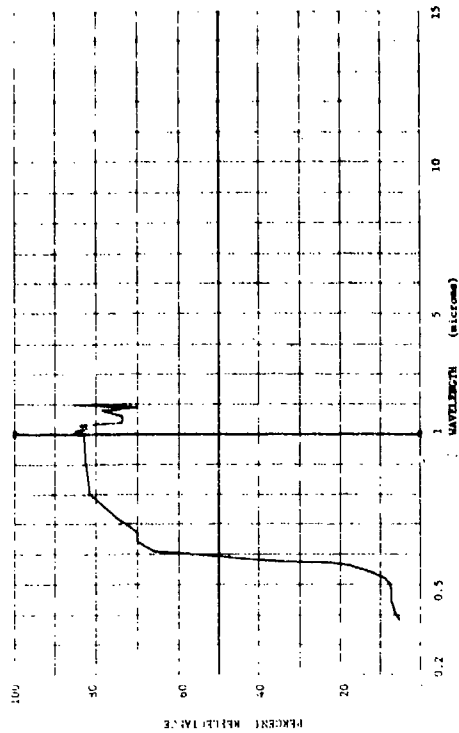
CONFIDENTIAL

SECRET

ARM 11

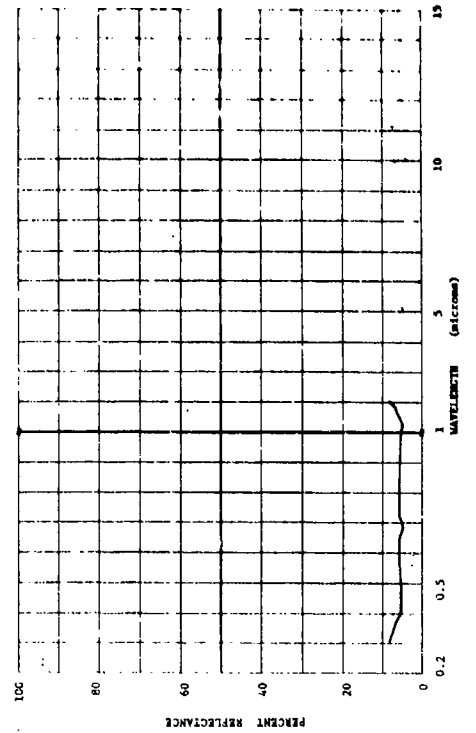
• 81-004-066 Orange Paint, Military Standard 32246, on Wood. (CONFIDENTIAL)

SUBJECT CODES
ASR ECBL ALT CD CED DFAB DPCD DK ECAC ECAD
EUB ECCA ECCB
PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 1000
OBS= 1000
TEMP= 1000
DOW PT= 1000
LAT= 1000
LON= 1000
WIND DI= 1000
WIND SP= 1000
WAVE= 1000
RANGE= 1000
TAR= 1000
VIS= 1000



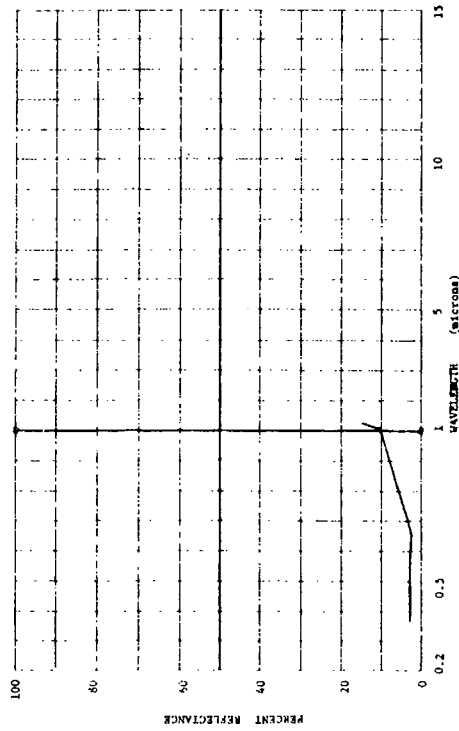
• 81-004-070 Black Paint, Military Standard 37038, on Wood. (CONFIDENTIAL)

SUBJECT CODES
ASR ECBL ALT CD CED DFAB DPCD DK ECAC ECAD
EUB ECCA ECCB
PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 1000
OBS= 1000
TEMP= 1000
DOW PT= 1000
LAT= 1000
LON= 1000
WIND DI= 1000
WIND SP= 1000
WAVE= 1000
RANGE= 1000
TAR= 1000
VIS= 1000



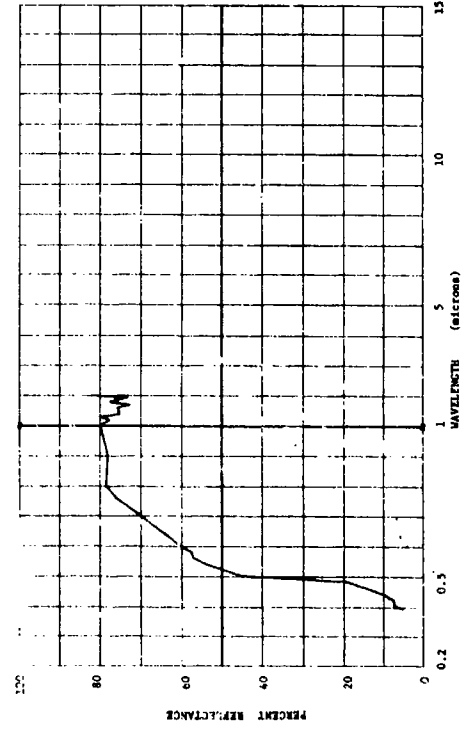
• 81-004-067 Black Metal, Dry. (SECRET)

SUBJECT CODES
ASR ECBL ALT CD CED DFAB DPCD DK ECAC ECAD
EUB ECCA ECCB
PARAMETER INFORMATION
DATE= 64 TIME= 1000
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LAT= 1000
LON= 1000
WIND DI= 1000
WIND SP= 1000
WAVE= 1000
RANGE= 1000
TAR= 1000
VIS= 1000



• 81-004-069 Yellow Paint, Military Standard 33481, on Wood. (CONFIDENTIAL)

SUBJECT CODES
ASR ECBL ALT CD CED DFAB DPCD DK ECAC ECAD
EUB ECCA ECCB
PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 1000
OBS= 1000
TEMP= 1000
DOW PT= 1000
LAT= 1000
LON= 1000
WIND DI= 1000
WIND SP= 1000
WAVE= 1000
RANGE= 1000
TAR= 1000
VIS= 1000



SECRET

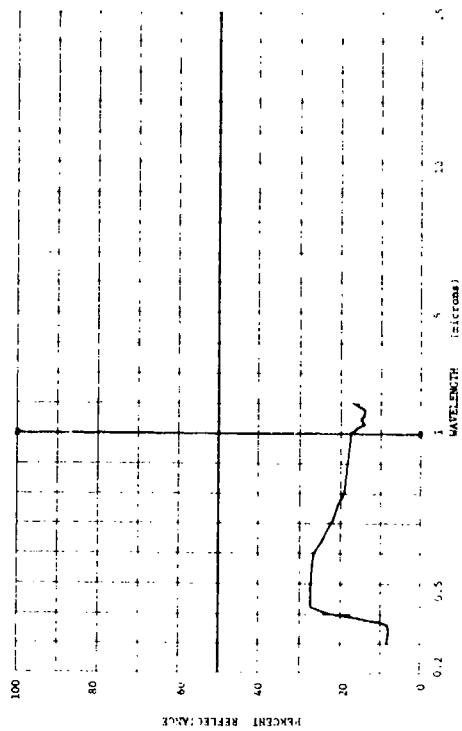
CONFIDENTIAL

AFM 11

* B1400-075 Dark Gray Paint, Military Standard 36514, on Wood. (CONFIDENTIAL)

SUBJECT CODES

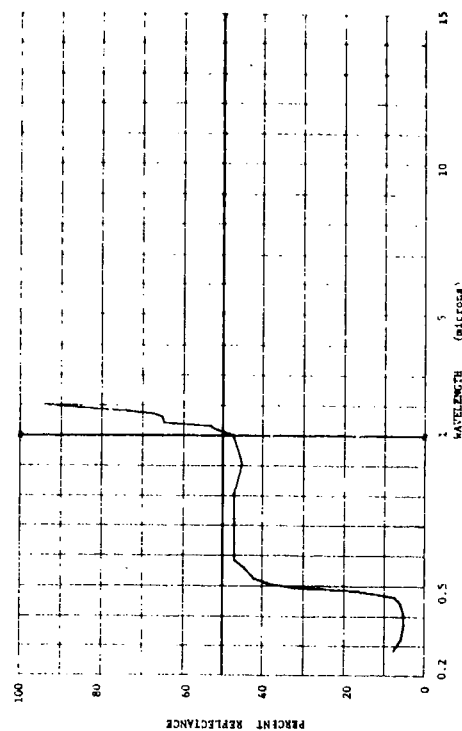
ASH ECBBK AEL CD CED DFAB DFCD DK ECAJ ECAJ
ECB ECCA ECEB
PARAMETER INFORMATION
DATE- 64 TIME-
DAYS RE- IN-
OBS- TTEMP-
TEMP- DEN PT-
N AVE- 1



* B1400-078 Yellow Paint, Military Standard 33-81, on Metal. (CONFIDENTIAL)

SUBJECT CODES

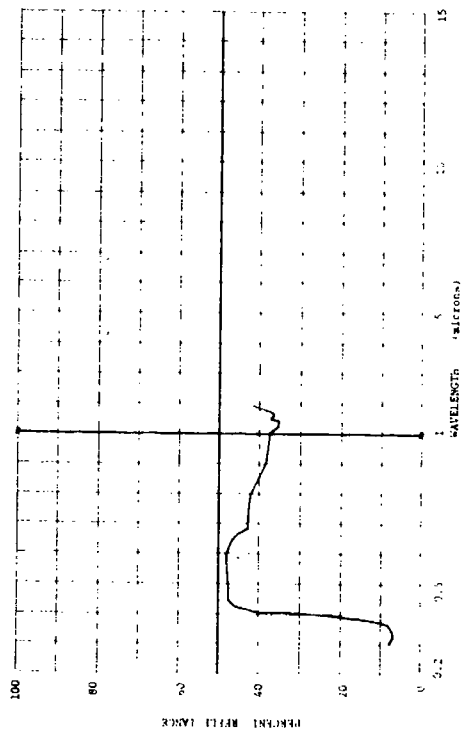
ASH ECBBK AEL CD CED DFAB DFCD DK ECAJ ECAJ
ECB ECCA ECEB
PARAMETER INFORMATION
DATE- 64 TIME-
DAYS RE- IN-
OBS- TTEMP-
TEMP- DEN PT-
N AVE- 1



* B1400-073 Light Gray Paint, Military Standard 36-03, on Wood. (CONFIDENTIAL)

SUBJECT CODES

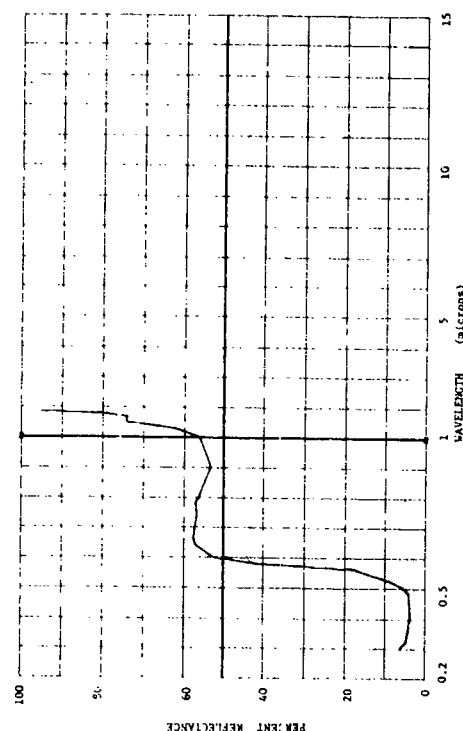
ASH ECBBK AEL CD CED DFAB DFCD DK ECAJ ECAJ
ECB ECCA ECEB
PARAMETER INFORMATION
DATE- 64 TIME-
DAYS RE- IN-
OBS- TTEMP-
TEMP- DEN PT-
N AVE- 1



* B1400-077 Orange Paint, Military Standard 33-04, on Metal. (CONFIDENTIAL)

SUBJECT CODES

ASH ECBBK AEL CD CED DFAB DFCD DK ECAJ ECAJ
ECB ECCA ECEB
PARAMETER INFORMATION
DATE- 64 TIME-
DAYS RE- IN-
OBS- TTEMP-
TEMP- DEN PT-
N AVE- 1



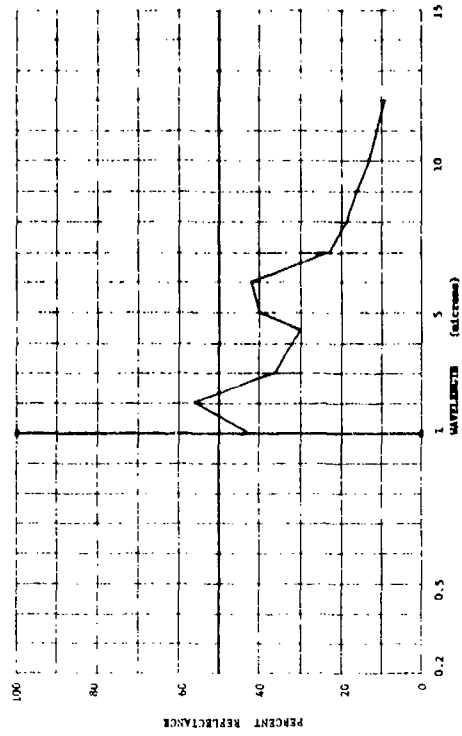
CONFIDENTIAL

CONFIDENTIAL

AEM 10

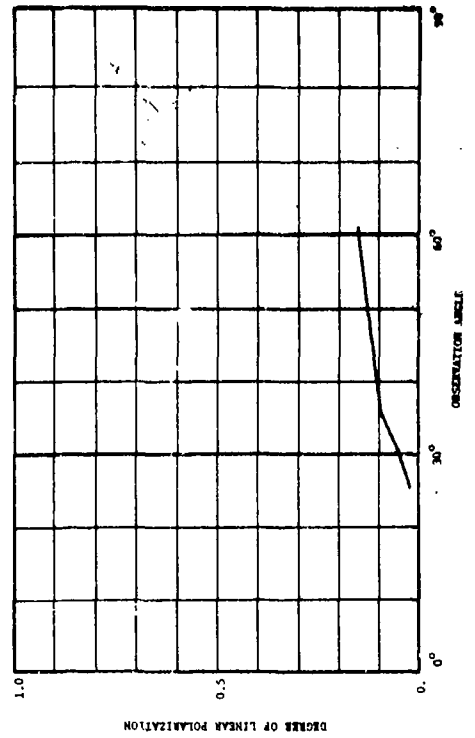
* 813501-009 Lacquer, White, 70 Mild Steel, Full Gloss. (CONFIDENTIAL)

SUBJECT CODES
AEM AEL CUC CUD DPA DMC ECA ECE ECD EGD
ECE
PARAMETER INFORMATION
DATE SS TIME
DATE RE IN-
OBS- ITOP-
TIME DEN PT-
LONG-
LAT-
CAS-
CLD-
RANGE-
TIME-
VIS-



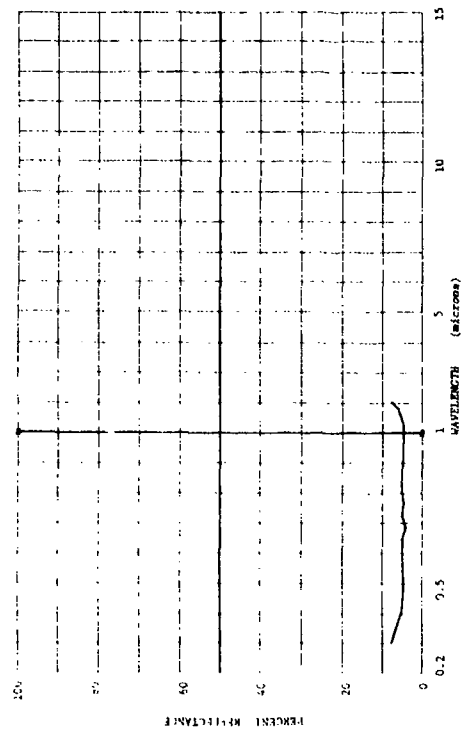
* 813864-034 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES
AEM AEL CUC CUD DPA DMC ECA ECE ECD EGD
ECE
PARAMETER INFORMATION
DATE SS TIME
DATE RE IN-
OBS- ITOP-
TIME DEN PT-
LONG-
LAT-
CAS-
CLD-
RANGE-
TIME-
VIS-



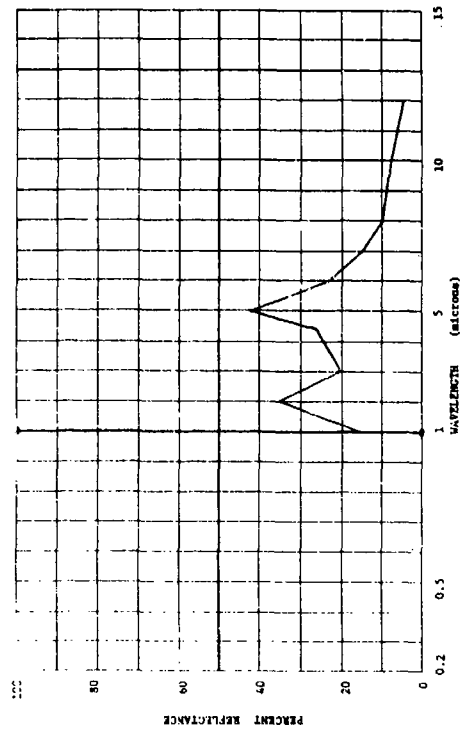
* 813501-015 Lacquer, White, 70 Mild Steel, Lustreless. (CONFIDENTIAL)

SUBJECT CODES
AEM AEL CUC CUD DPA DMC ECA ECE ECD EGD
ECE
PARAMETER INFORMATION
DATE SS TIME
DATE RE IN-
OBS- ITOP-
TIME DEN PT-
LONG-
LAT-
CAS-
CLD-
RANGE-
TIME-
VIS-



* 813501-015 Lacquer, White, 70 Mild Steel, Lustreless. (CONFIDENTIAL)

SUBJECT CODES
AEM AEL CUC CUD DPA DMC ECA ECE ECD EGD
ECE
PARAMETER INFORMATION
DATE SS TIME
DATE RE IN-
OBS- ITOP-
TIME DEN PT-
LONG-
LAT-
CAS-
CLD-
RANGE-
TIME-
VIS-



CONFIDENTIAL

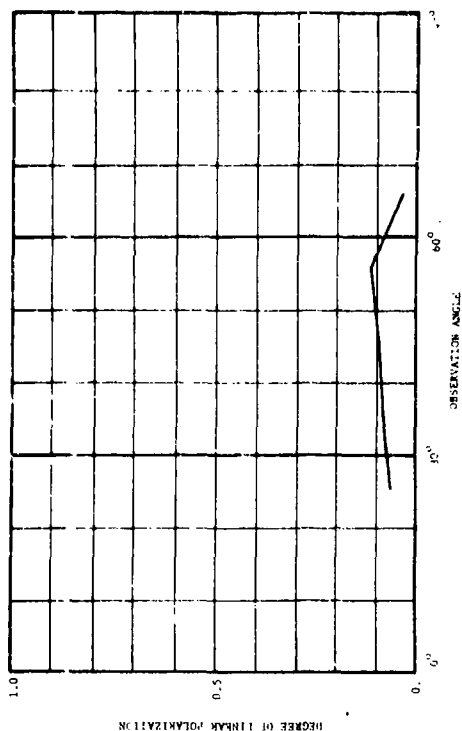
CONFIDENTIAL

AFM 14

*81384-036 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES
ADNA CED CN DMC DFL DK ECB

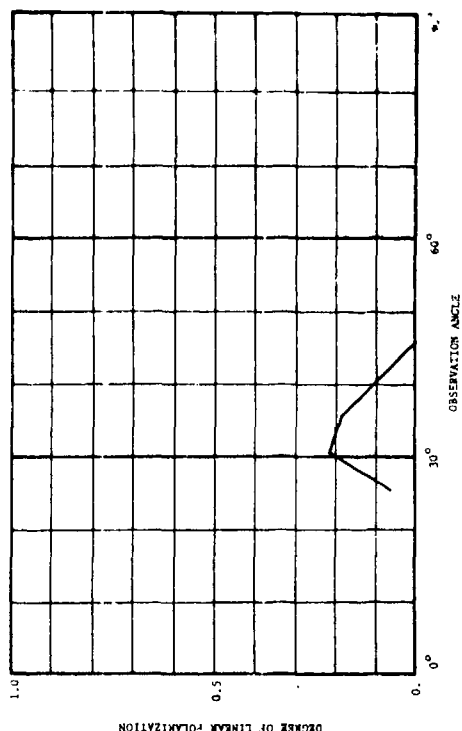
PARAMETER INFORMATION
DATE- TIME- LAT- LONG- ALT- RANGE-
DAYS RE- 14-30 14-30 180 180 180 180
OBS- 14-30 14-30 14-30 14-30 14-30 14-30
TIME- 14-30 14-30 14-30 14-30 14-30 14-30
TIME- 14-30 14-30 14-30 14-30 14-30 14-30



*81384-036 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES
ADNA CED CN DMC DFL DK ECB

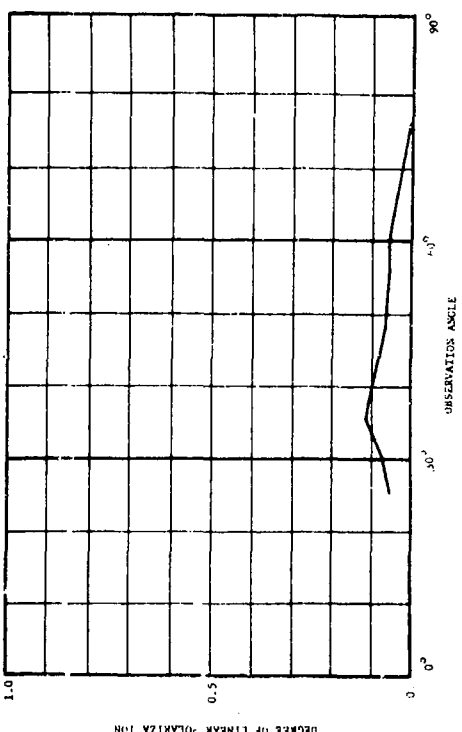
PARAMETER INFORMATION
DATE- TIME- LAT- LONG- ALT- RANGE-
DAYS RE- 14-30 14-30 180 180 180 180
OBS- 14-30 14-30 14-30 14-30 14-30 14-30
TIME- 14-30 14-30 14-30 14-30 14-30 14-30
TIME- 14-30 14-30 14-30 14-30 14-30 14-30



*81384-035 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES
ADNA CED CN DMC DFL DK ECB

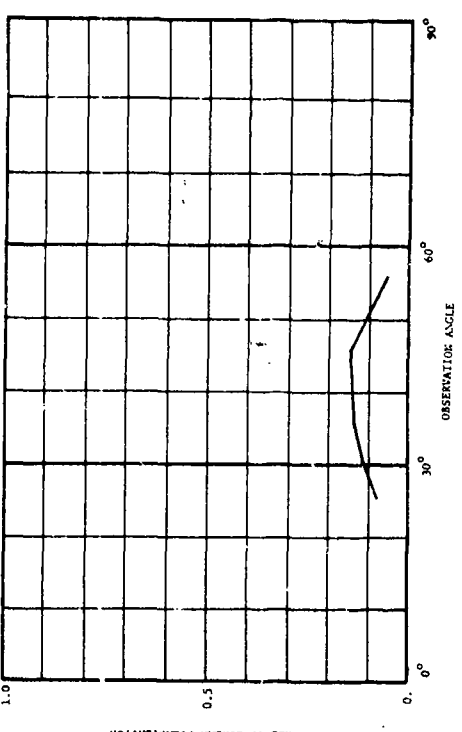
PARAMETER INFORMATION
DATE- TIME- LAT- LONG- ALT- RANGE-
DAYS RE- 14-30 14-30 180 180 180 180
OBS- 14-30 14-30 14-30 14-30 14-30 14-30
TIME- 14-30 14-30 14-30 14-30 14-30 14-30
TIME- 14-30 14-30 14-30 14-30 14-30 14-30



*81384-037 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES
ADNA CED CN DMC DFL DK ECB

PARAMETER INFORMATION
DATE- TIME- LAT- LONG- ALT- RANGE-
DAYS RE- 14-30 14-30 180 180 180 180
OBS- 14-30 14-30 14-30 14-30 14-30 14-30
TIME- 14-30 14-30 14-30 14-30 14-30 14-30
TIME- 14-30 14-30 14-30 14-30 14-30 14-30



CONFIDENTIAL

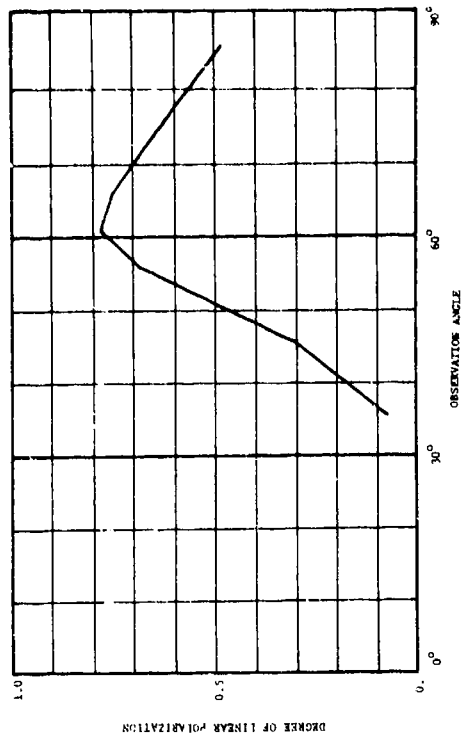
• B13864-040
Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES

AFMA	CED	CM	DOB.	DFD	DK	ECB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= FANCT= 100
DAYS RE= LB= 60 LAZ= 0 CH= CAZ= 180 DE= E
ONST= TTEMP= WIND SP= WIND DI= CLD= VIS=
DEN PT= M AVE= 1 LAUNDA= .656



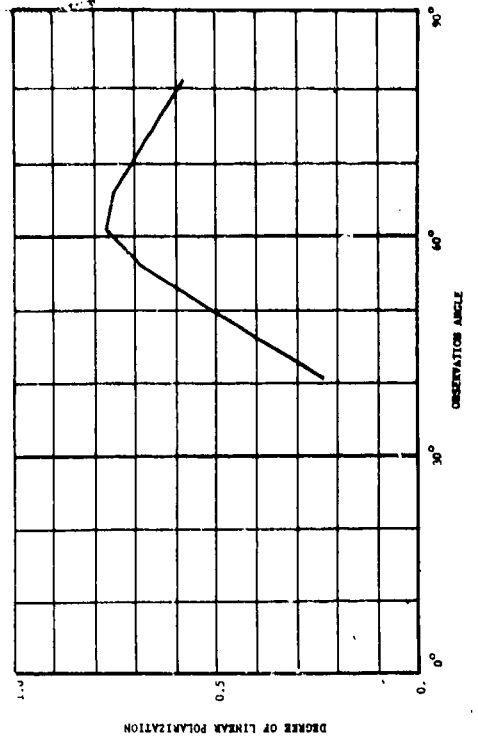
• B13864-042 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES

JOURNAL	AZMA	CED	CM	DDB-C	DDB	DM	ECH
Journal of Management Education							
Journal of Management Inquiry							
Journal of Management Research							
Journal of Management Studies							
Journal of Business Ethics							
Journal of Applied Behavior Analysis							
Journal of Experimental Psychology							
Journal of Educational Psychology							
Journal of Counseling Psychology							
Journal of Social Issues							
Journal of Interpersonal Violence							
Journal of Family Psychology							
Journal of Health Psychology							
Journal of Occupational Psychology							
Journal of Personality and Social Psychology							
Journal of Consulting and Clinical Psychology							
Journal of Experimental Social Psychology							
Journal of Abnormal Psychology							
Journal of Clinical Child Psychology							
Journal of Educational Measurement							
Journal of Management Development							
Journal of Management Science							
Journal of Marketing Research							
Journal of Public Administration							
Journal of Public Economics							
Journal of Public Finance							
Journal of Public Law							
Journal of Public Policy							
Journal of Public Works							
Journal of Urban Planning							
Journal of Urban Design							
Journal of Urban Economics							
Journal of Urban Geography							
Journal of Urban History							
Journal of Urban Research							
Journal of Urban Sociology							
Journal of Urban Systems Research							
Journal of Urban Technology							
Journal of Urban Affairs Review							
Journal of Urban and Regional Development							
Journal of Urban and Environmental Planning							
Journal of Urban and Environmental Research							
Journal of Urban and Environmental Studies							
Journal of Urban and Environmental Theory							
Journal of Urban and Environmental Planning							
Journal of Urban and Environmental Research							
Journal of Urban and Environmental Studies							
Journal of Urban and Environmental Theory							
Journal of Urban and Environmental Planning							
Journal of Urban and Environmental Research							
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Journal of Urban and Environmental Theory							
Journal of Urban and Environmental Planning							
Journal of Urban and Environmental Research							
Journal of Urban and Environmental Studies							
Journal of Urban and Environmental Theory							
Journal of Urban and Environmental Planning							
Journal of Urban and Environmental Research							
Journal of Urban and Environmental Studies							
Journal of Urban and Environmental Theory							
Journal of Urban and Environmental Planning							

COLLECTIVE AGREEMENT

RADIOMETER INFORMATION					
DATE=	TIME=	LAT=	LONG=	ALT=	RANGE=
DAYS RE=	IN= 60	LAZ= 0	CN=	CAZ=	LSR= E
OBS=	TTIME=	WIND SP=	WIND DI=	CLD=	VIS=
TIME=	DIR PT=	M AVG= 1	LAMBDA= .466		



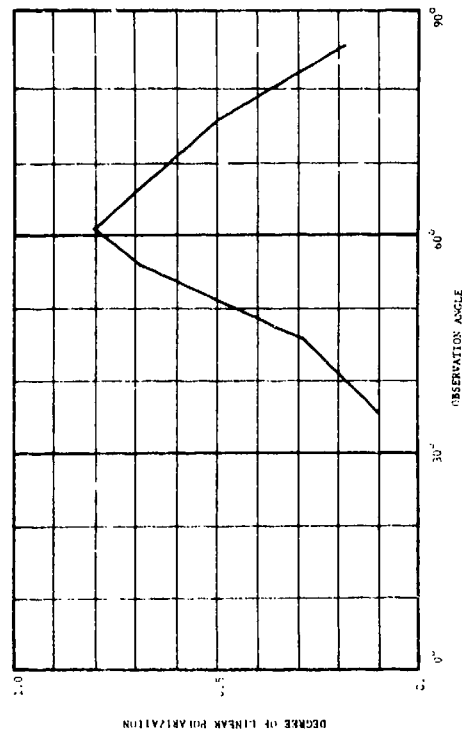
FLAC WHITE PAINT. 'CONFIDENTIAL'.

SUBJECT CODES

AEWA	ULD	CM	DLBC	DFD	DK	ECB
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PARAMETER INFORMATION

DATE=	TIME=	LAT=	LONG=	ALT=	RANGE=
DAYS RE=	IN= 60	LAZ= 0	CN=	CAZ=	SR= E
JST=	TEMP=	WIND SP=	WIND DI=	CLD=	VTS=
REL PT=		N AVE=	LAPDAS=		



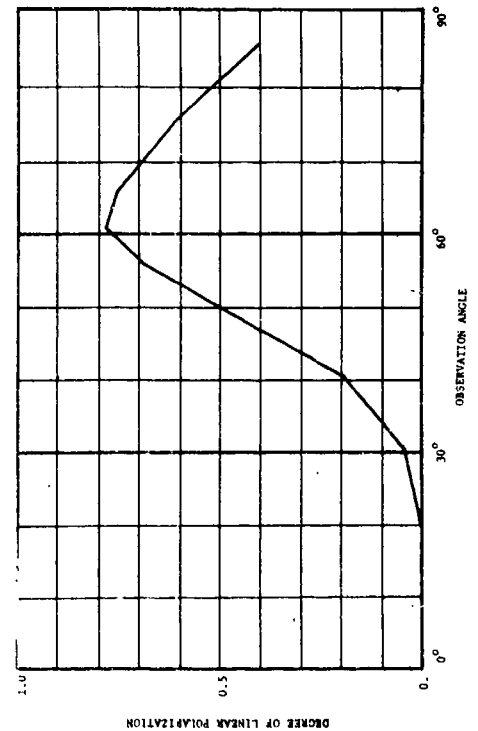
02:46:47.6. Fine White Paint. (CONFIDENTIAL)

SIZE TEST CONFS

[illegible]

DECLASSIFICATION INFORMATION

PARAMETER INFORMATION									
DATE=	TIME=	LAT=	LONG=	ALT=	RANGE=				
DAYS RE=	IN=60	LAZ= 0	CH=	CAZ= 180	IRB= E				
OBS=	TEMP=	WIND SP=	WIND DI=	CLD=	VIS=				
TEMP=	REF. PT=	N. AVS= 1	LAURDA=	544					



CONFIDENTIAL

AFM 16

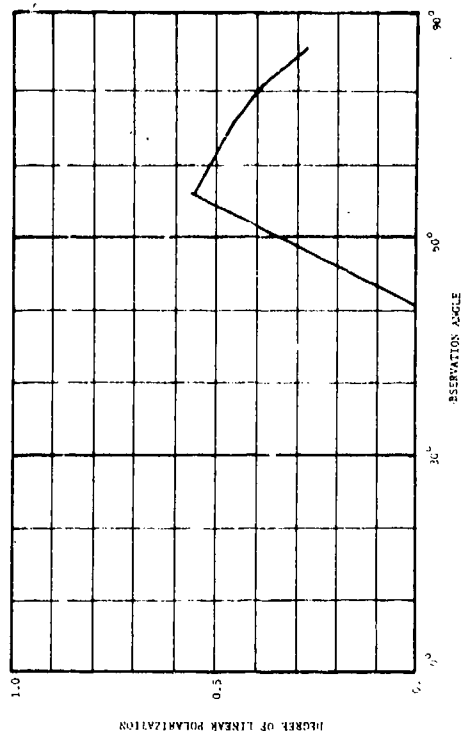
*B1386-044 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES

ALMA CLO CN DRMC DFL DK ECB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= RANGE= 140
DAYS RE= IN=80 IAZ= 0 CH= IIR= E
ONST= WIND SP= WIND DI= VIS= 1
TEMP= DEN PT= S AVE= 1 LAMBDA= .704



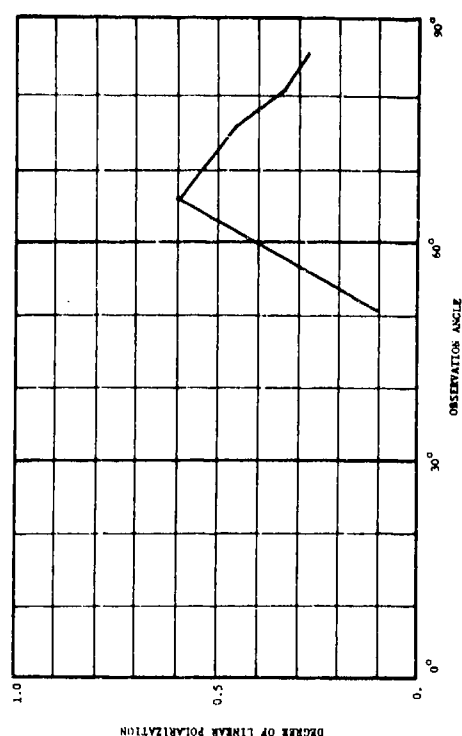
*B1386-046 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES

ALMA CLO CN DRMC DFL DK ECB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= RANGE= 140
DAYS RE= IN=80 IAZ= 0 CH= IIR= E
ONST= WIND SP= WIND DI= VIS= 1
TEMP= DEN PT= S AVE= 1 LAMBDA= .544



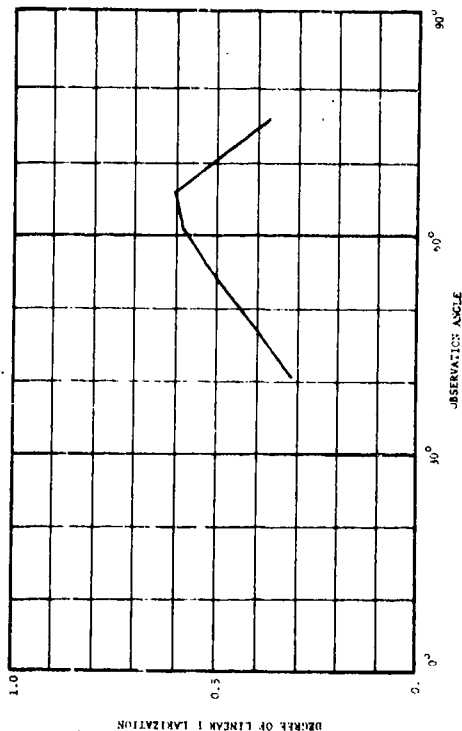
*B1386-043 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES

ALMA CLO CN DRMC DFL DK ECB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= RANGE= 180
DAYS RE= IN=80 IAZ= 0 CH= IIR= E
ONST= WIND SP= WIND DI= VIS= 1
TEMP= DEN PT= S AVE= 1 LAMBDA= .423



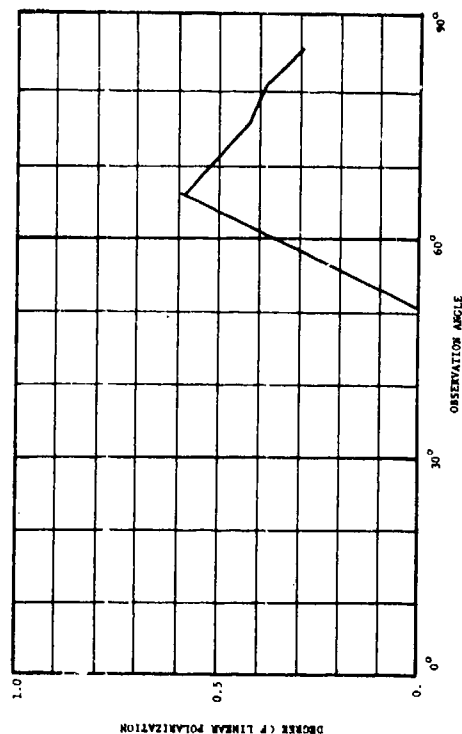
*B1386-045 Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES

ALMA CLO CN DRMC DFL DK ECB

PARAMETER INFORMATION

DATE= TIME= LAT= LONG= ALT= RANGE= 180
DAYS RE= IN=80 IAZ= 0 CH= IIR= E
ONST= WIND SP= WIND DI= VIS= 1
TEMP= DEN PT= S AVE= 1 LAMBDA= .556



CONFIDENTIAL

CONFIDENTIAL

ARM 17

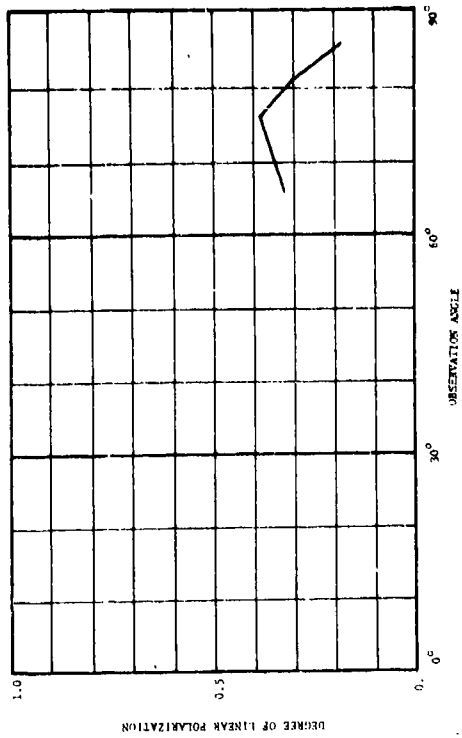
• B13864-048
Flat White Paint. (CONFIDENTIAL)

SUBJECT CODES

AENA	CED	CM	COMC	CFD	CM	ELB
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PARAMETER INFORMATION

DATE=	TIME=	LAT=	LONG=	NAME=
DAYS RE=	IN= 80	ALZ= 0	CB=	ALT= 180
OBST=	ITEMP=	WIND SP=	WIND DIR=	CAZ=
TEMP=	DEG F=	N AVE= 1	LAUREN=	CLD=
				VIS=
				REL= E



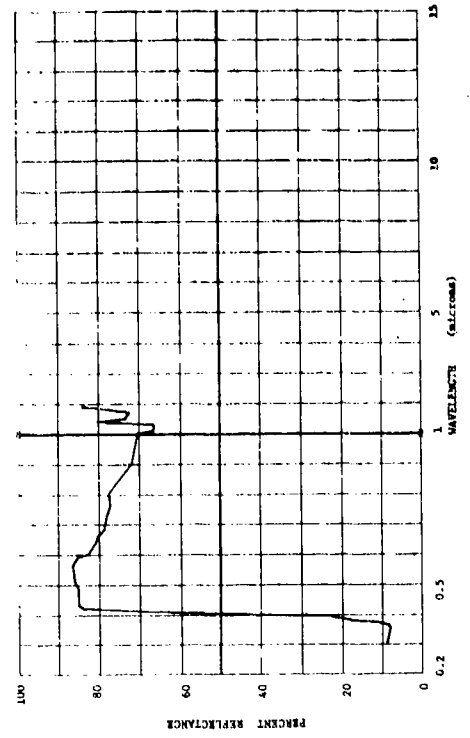
e's 14004-180 White Paint, Military Standard 37875, on Metal. (CONFIDENTIAL)

SUBJECT CODES

AEMA	AEL	CD	JED	LFLB	DWCD	TUK	ECCAC	ECAD	ECS
------	-----	----	-----	------	------	-----	-------	------	-----

THE JOURNAL OF POST KEYNESIAN ECONOMICS 2009, 1(1), 1-10

PARAMETER INFORMATION		PARAMETER INFORMATION	
DATE=	TIME=	LAT=	LONG=
DAYS RE=	IN=	LAZ=	CH=
TIME=	TIME=	WIND SP=	WIND DI=
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		ALT=	
		CAZ=	
		CLD=	
		IR=	
		VIS=	
		RABCI=	



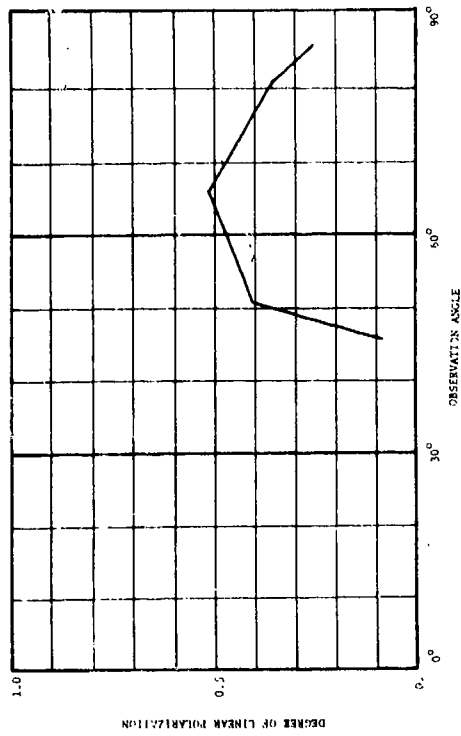
• 513664-047

SUBJECT CODES

ACMA	CED	CM	QBC	QFD	DK	ECB
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PARAMETER INFORMATION

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REL HUM=	N AVE=		LAWDA=		



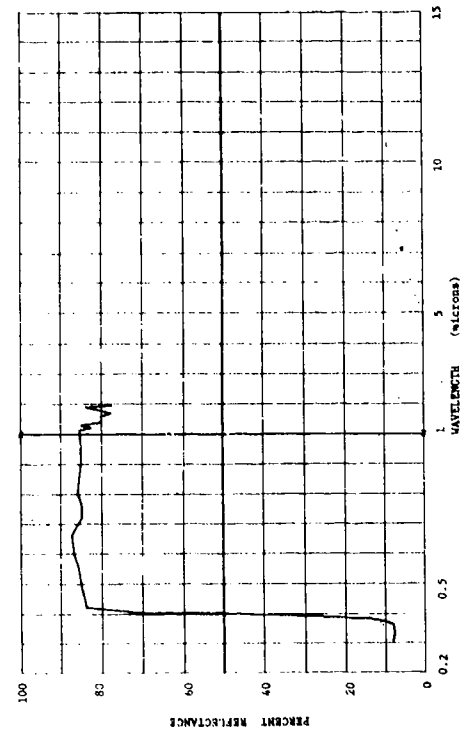
• 114004-072
White Paint. Military Standard 3875, on Wood. (CONFIDENTIAL)

SUBJECT CODES

Country	Year	Value	Unit
Algeria	1990	1.00	kg
Algeria	1991	1.00	kg
Algeria	1992	1.00	kg
Algeria	1993	1.00	kg
Algeria	1994	1.00	kg
Algeria	1995	1.00	kg
Algeria	1996	1.00	kg
Algeria	1997	1.00	kg
Algeria	1998	1.00	kg
Algeria	1999	1.00	kg
Algeria	2000	1.00	kg
Algeria	2001	1.00	kg
Algeria	2002	1.00	kg
Algeria	2003	1.00	kg
Algeria	2004	1.00	kg
Algeria	2005	1.00	kg
Algeria	2006	1.00	kg
Algeria	2007	1.00	kg
Algeria	2008	1.00	kg
Algeria	2009	1.00	kg
Algeria	2010	1.00	kg
Algeria	2011	1.00	kg
Algeria	2012	1.00	kg
Algeria	2013	1.00	kg
Algeria	2014	1.00	kg
Algeria	2015	1.00	kg
Algeria	2016	1.00	kg
Algeria	2017	1.00	kg
Algeria	2018	1.00	kg
Algeria	2019	1.00	kg
Algeria	2020	1.00	kg
Algeria	2021	1.00	kg
Algeria	2022	1.00	kg
Algeria	2023	1.00	kg
Algeria	2024	1.00	kg
Algeria	2025	1.00	kg
Algeria	2026	1.00	kg
Algeria	2027	1.00	kg
Algeria	2028	1.00	kg
Algeria	2029	1.00	kg
Algeria	2030	1.00	kg
Algeria	2031	1.00	kg
Algeria	2032	1.00	kg
Algeria	2033	1.00	kg
Algeria	2034	1.00	kg
Algeria	2035	1.00	kg
Algeria	2036	1.00	kg
Algeria	2037	1.00	kg
Algeria	2038	1.00	kg
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Algeria	2061	1.00	kg
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Algeria	2064	1.00	kg
Algeria	2065	1.00	kg
Algeria	2066	1.00	kg
Algeria	2067	1.00	kg
Algeria	2068	1.00	kg
Algeria	2069	1.00	kg
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Algeria	2073	1.00	kg
Algeria	2074	1.00	kg
Algeria	2075	1.00	kg
Algeria	2076	1.00	kg
Algeria	2077	1.00	kg
Algeria	2078	1.00	kg
Algeria	2079	1.00	kg
Algeria	2080	1.00	kg
Algeria	2081	1.00	kg
Algeria	2082	1.00	kg
Algeria	2083	1.00	kg

[illegible]

PARAMETER INFORMATION					
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OBS=		TIMING=	WIND SP=	WIND DI=	CLD=
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					RANGE=
					TRF=
					E



CONFIDENTIAL

CONFIDENTIAL

AFM 18

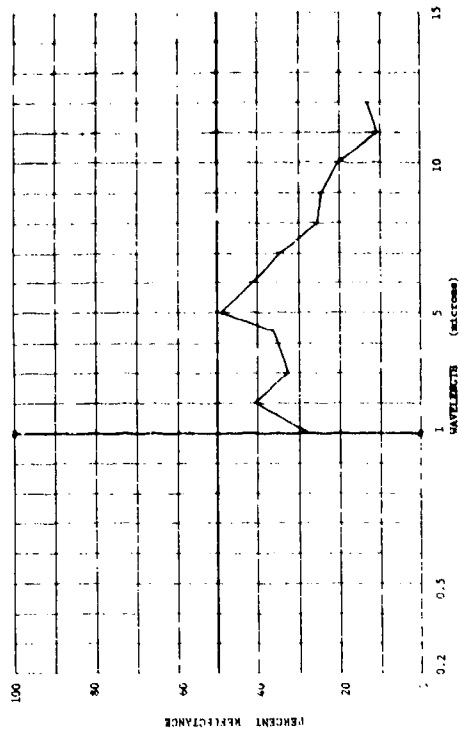
• B13501-002 Examel, Olive Drab, On Mild Steel, Semi-Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADPB EGBBI AEL CDC DFPA DGC ECGA ECGE ECCC
ECCD ECGE

PARAMETER INFORMATION
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OBS= 12:00
TIME= 12:00
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LAT= 100-00-00
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WIND SP= 0
WAVE= 1

RANGE= 100-00-00
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CLD= 100-00-00
VIS= 100-00-00



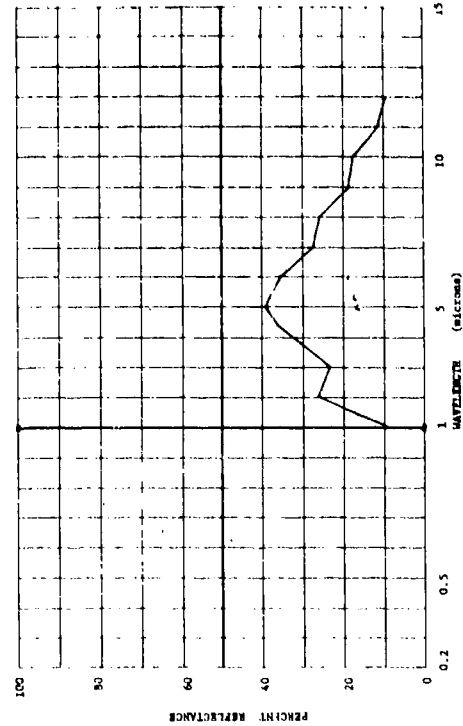
• B13501-004 Synthetic Examel, Olive Drab, On Mild Steel, Semi-Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADPB EGBBI AEL CDC DFPA DGC ECGA ECGE ECCC
ECCD ECGE

PARAMETER INFORMATION
DATE= 55 TIME= 12:00
DATE RE= 12:00
OBS= 12:00
TIME= 12:00
DEM PT= 1

LONG= 100-00-00
LAT= 100-00-00
WIND DI= 0
WIND SP= 0
WAVE= 1

RANGE= 100-00-00
ALT= 100-00-00
CLD= 100-00-00
VIS= 100-00-00



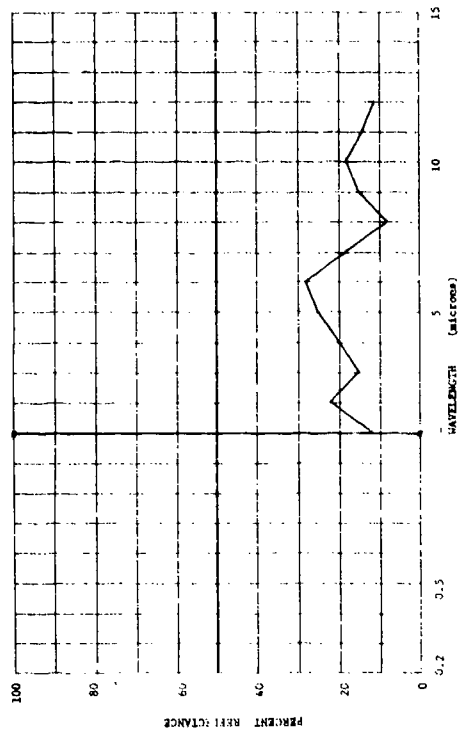
• B13501-001 Examel, Olive Drab, On Mild Steel, Semi-Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADPB EGBBI AEL CDC DFPA DGC ECGA ECGE ECCC
ECCD ECGE

PARAMETER INFORMATION
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DATE RE= 12:00
OBS= 12:00
TIME= 12:00
DEM PT= 1

LONG= 100-00-00
LAT= 100-00-00
WIND DI= 0
WIND SP= 0
WAVE= 1

RANGE= 100-00-00
ALT= 100-00-00
CLD= 100-00-00
VIS= 100-00-00



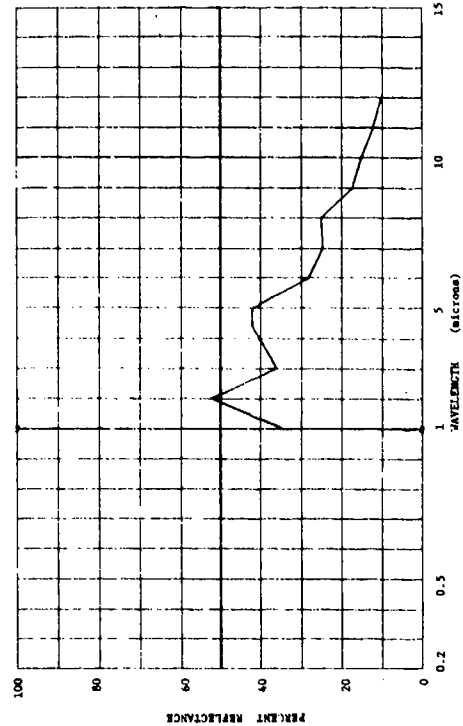
• B13501-003 Synthetic Examel, Olive Drab, On Mild Steel, Semi-Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADPB EGBBI AEL CDC DFPA DGC ECGA ECGE ECCC
ECCD ECGE

PARAMETER INFORMATION
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DATE RE= 12:00
OBS= 12:00
TIME= 12:00
DEM PT= 1

LONG= 100-00-00
LAT= 100-00-00
WIND DI= 0
WIND SP= 0
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RANGE= 100-00-00
ALT= 100-00-00
CLD= 100-00-00
VIS= 100-00-00



CONFIDENTIAL

CONFIDENTIAL

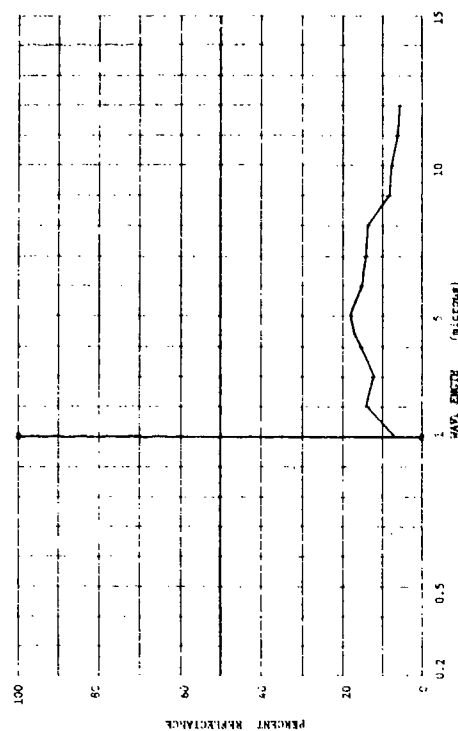
ALM 10

* 813501-005 Synthetic Emamel, Olive Drab, On Mild Steel, Semi-Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADNB ECMBI AEL CDC DFAA DNG ECCA ECCB ECCC
ECCD ECCF

PARAMETER INFORMATION
DATE= 55 TIME= 1340
DAYS RE= 1340
OBS= 1340
TIME SP= 1340
N AVE= 1340

LONG= 1340
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WIND DI= 1340
ALT= 1340
CAZ= 1340
CLD= 1340
RANGE= 1340
IRB= 1340
VIS= 1340

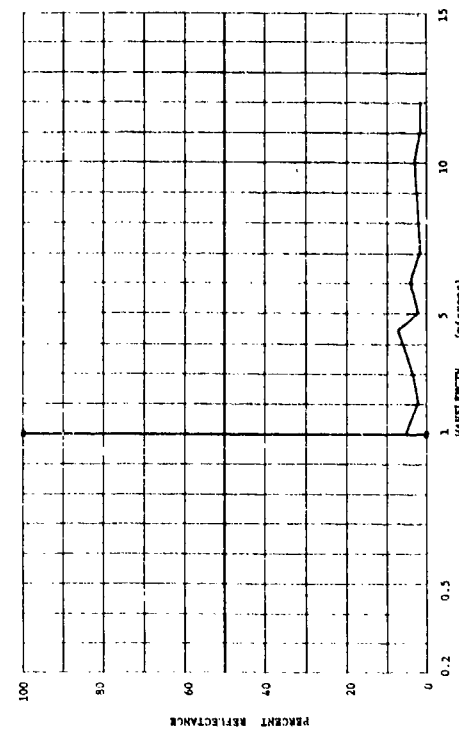


* 813501-014 Lacquer, Olive Drab, On Mild Steel, Matteless. (CONFIDENTIAL)

SUBJECT CODES
ADNB ECMBI AEL CDC DFAA DNG ECCA ECCB ECCC
ECCD ECCF

PARAMETER INFORMATION
DATE= 55 TIME= 1340
DAYS RE= 1340
OBS= 1340
TIME SP= 1340
N AVE= 1340

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WIND DI= 1340
ALT= 1340
CAZ= 1340
CLD= 1340
RANGE= 1340
IRB= 1340
VIS= 1340

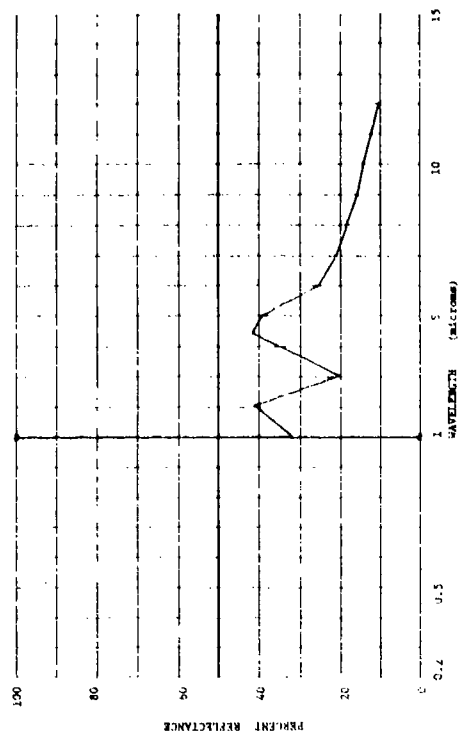


* 813501-007 Lacquer, Olive Drab, On Mild Steel, Full Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADNB ECMBI AEL CDC DFAA DNG ECCA ECCB ECCC
ECCD ECCF

PARAMETER INFORMATION
DATE= 55 TIME= 1340
DAYS RE= 1340
OBS= 1340
TIME SP= 1340
N AVE= 1340

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WIND DI= 1340
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CAZ= 1340
CLD= 1340
RANGE= 1340
IRB= 1340
VIS= 1340

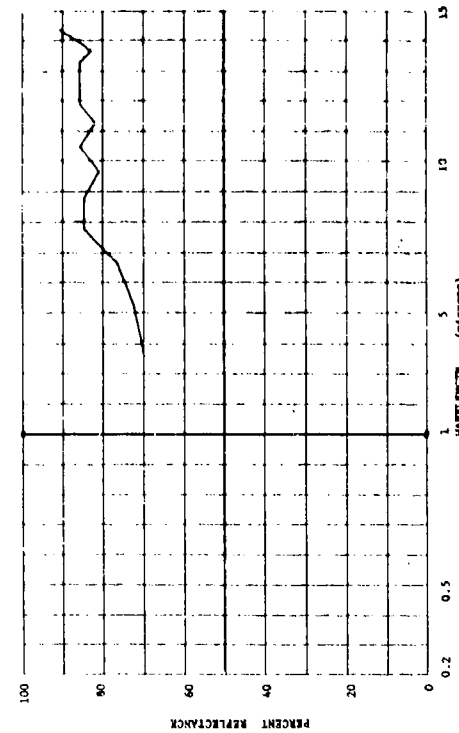


* 813501-001 Olive Drab Emamel Steel, 500 Deg. F - 240 Deg. C. (CONFIDENTIAL)

SUBJECT CODES
ADNB ECMBI AEL CDC DFAA DNG ECCA ECCB ECCC
ECCD ECCF

PARAMETER INFORMATION
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DAYS RE= 1340
OBS= 1340
TIME SP= 1340
N AVE= 1340

LONG= 1340
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CAZ= 1340
CLD= 1340
RANGE= 1340
IRB= 1340
VIS= 1340



CONFIDENTIAL

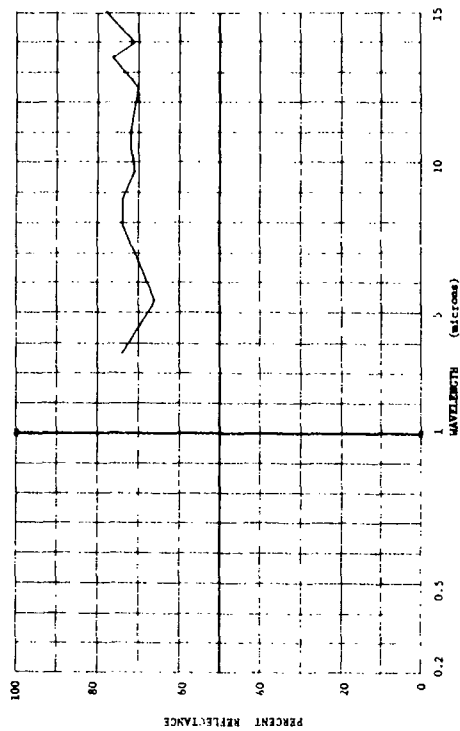
CONFIDENTIAL

AEM 20

*B-13621-003 Olive Drab Enamelled Steel, 150 Deg. F = 65.6 Deg. C. (CONFIDENTIAL)

SUBJECT CODES
AEMB ECMB1 AEL CDC CED DJC DK ECCC ECDD ECCE

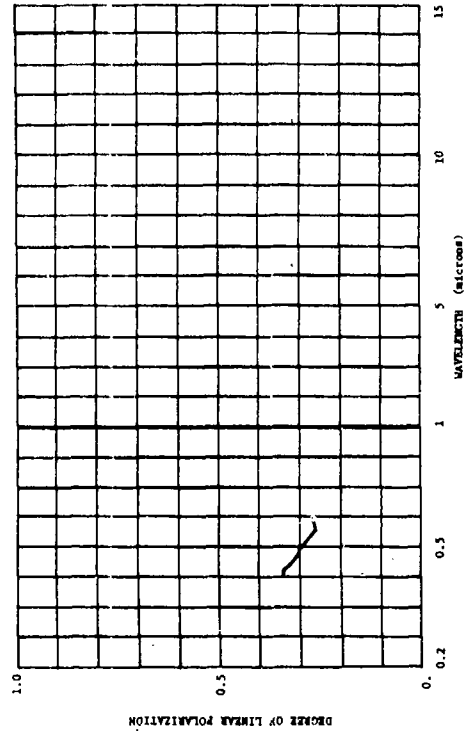
PARAMETER INFORMATION
DATE= 54 TIME= LONG= ALT= RANGE= 160
DAYS RE= 10 IN= CM= 60 CAZ= 160 IIR= E
OBS= TTRP= WIND DI= CLD= VIS= 1
TDR= DEN PT= N AVE= 1



*B-1364-002 Glossy Olive Drab. (CONFIDENTIAL)

SUBJECT CODES
AEMB ECMB1 CEC CN DMC DLF ECE

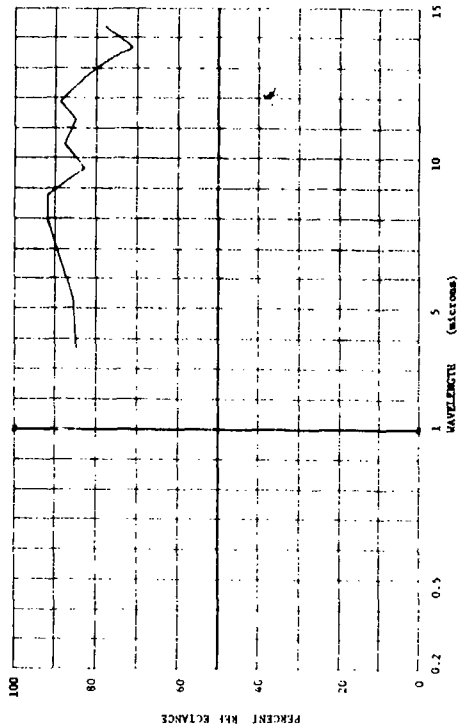
PARAMETER INFORMATION
DATE= 64 TIME= LONG= ALT= RANGE= 160
DAYS RE= 10 IN= 25 CM= 60 CAZ= 160 IIR= A
OBS= TTRP= WIND DI= CLD= VIS= 1
TDR= DEN PT= N AVE= 1



*B-13621-002 Olive Drab Enamelled Steel, 300 Deg. F = 148.9 Deg. C. (CONFIDENTIAL)

SUBJECT CODES
AEMB ECMB1 AEL CDC CED DJC DE ECCC ECDD ECCE

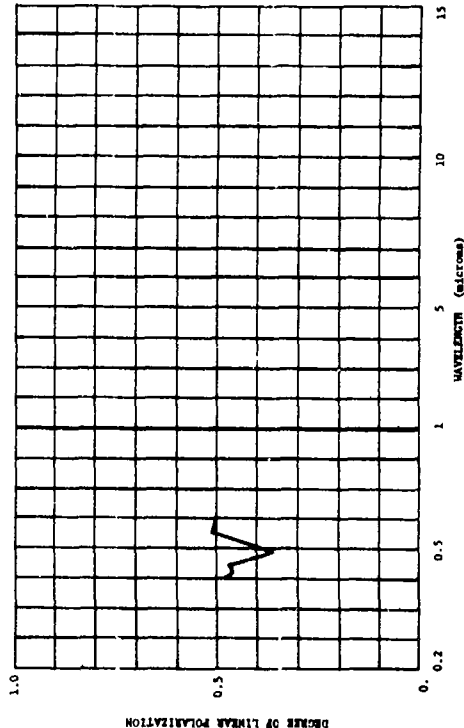
PARAMETER INFORMATION
DATE= 54 TIME= LONG= ALT= RANGE= 160
DAYS RE= 10 IN= CM= 60 CAZ= 160 IIR= E
OBS= TTRP= WIND DI= CLD= VIS= 1
TDR= DEN PT= N AVE= 1



*B-1364-001 Smoother Marine Green. (CONFIDENTIAL)

SUBJECT CODES
AEMB CEC CN DMC DLF ECE

PARAMETER INFORMATION
DATE= 64 TIME= LONG= ALT= RANGE= 160
DAYS RE= 10 IN= 25 CM= 60 CAZ= 160 IIR= A
OBS= TTRP= WIND DI= CLD= VIS= 1
TDR= DEN PT= N AVE= 1



CONFIDENTIAL

CONFIDENTIAL

ARM 22

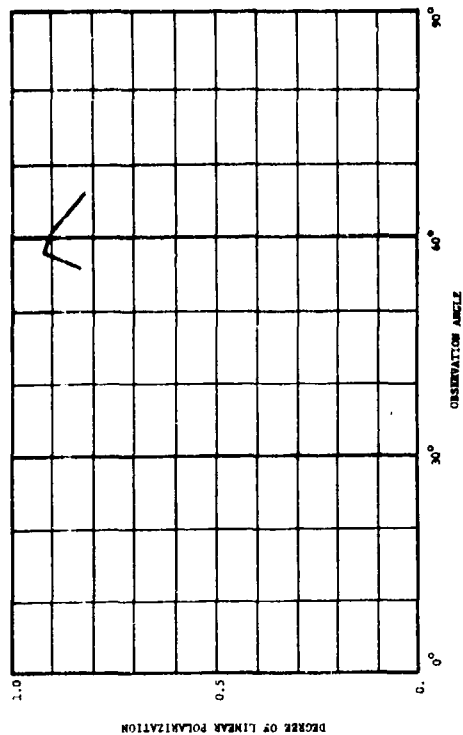
*31384-029 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM SCBI CED CN DMC DFD DK ECR

PARAMETER INFORMATION

DATE- 64 TIME- 04
DATA RE- 12:40
OBS- 12:40
TDR- 12:40
DIST- 100
H AVE- 1
LAMBDA- .706
ALIT- 180
CLD- 180
VIS- 180



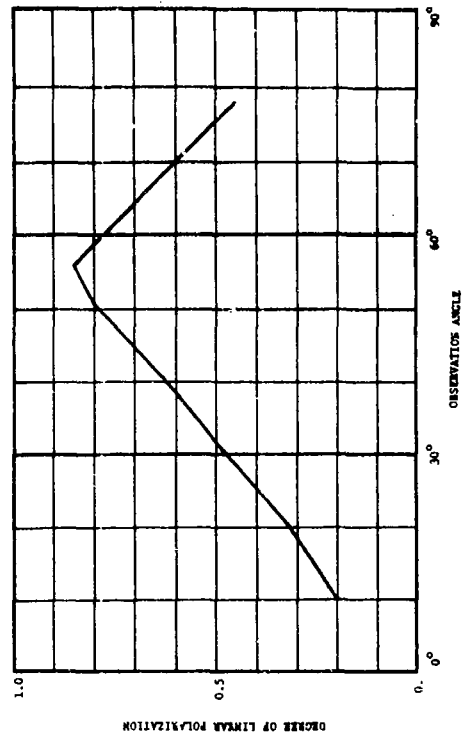
*31384-031 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM SCBI CED CN DMC DFD DK ECR

PARAMETER INFORMATION

DATE- 64 TIME- 04
DATA RE- 12:40
OBS- 12:40
TDR- 12:40
DIST- 100
H AVE- 1
LAMBDA- .656
ALIT- 180
CLD- 180
VIS- 180



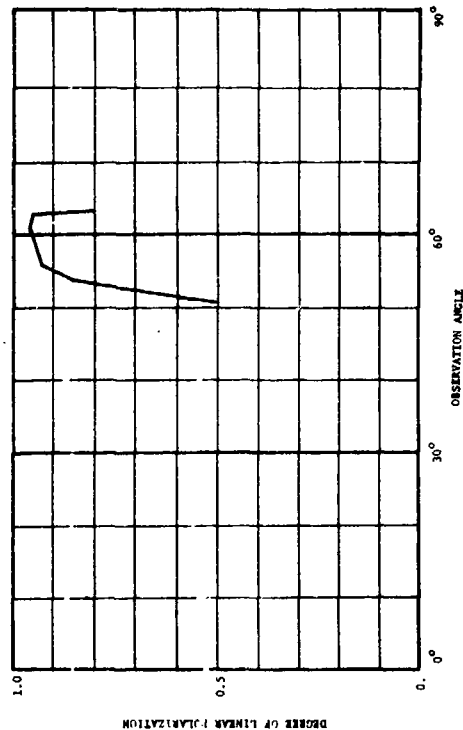
*31384-028 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM SCBI CED CN DMC DFD DK ECR

PARAMETER INFORMATION

DATE- 64 TIME- 04
DATA RE- 12:40
OBS- 12:40
TDR- 12:40
DIST- 100
H AVE- 1
LAMBDA- .656
ALIT- 180
CLD- 180
VIS- 180



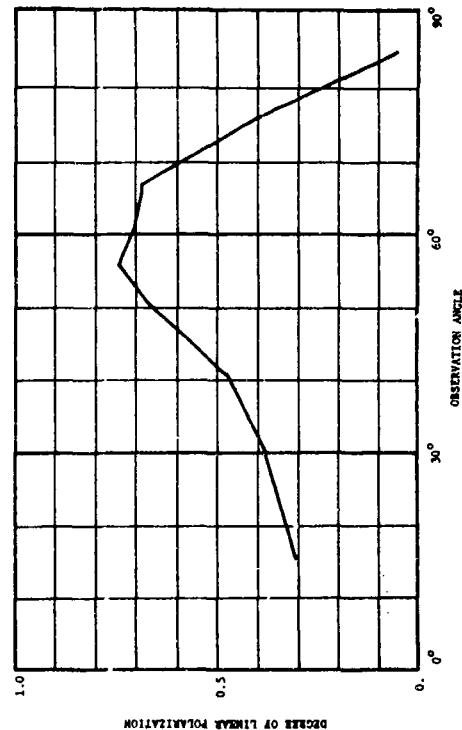
*31384-030 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ARM SCBI CED CN DMC DFD DK ECR

PARAMETER INFORMATION

DATE- 64 TIME- 04
DATA RE- 12:40
OBS- 12:40
TDR- 12:40
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H AVE- 1
LAMBDA- .486
ALIT- 180
CLD- 180
VIS- 180



CONFIDENTIAL

CONFIDENTIAL

AEM 23

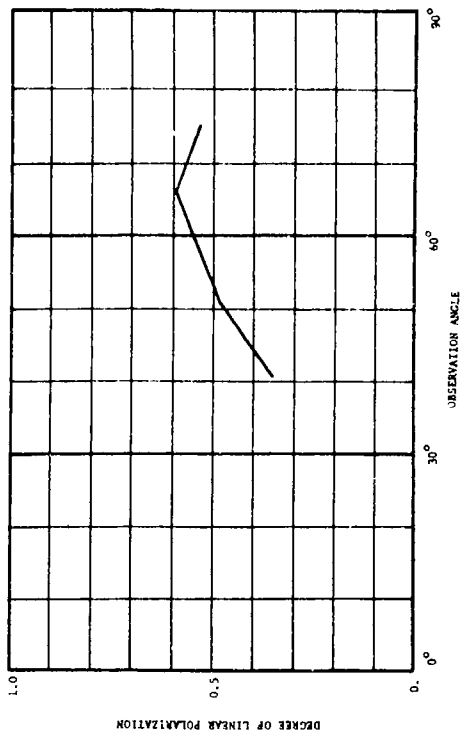
*B1386-033 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADXB CED CN DDMC DFD DK ECB

PARAMETER INFORMATION
DATE- TIME-
DAYS RE- IN-60
OBS- TIDR-
TEMP- DEN FT-

LONG- ALT-
CN- CAL- 180
WIND DI- IIR- E
LAMBDA- VIS-
N AVE- 1



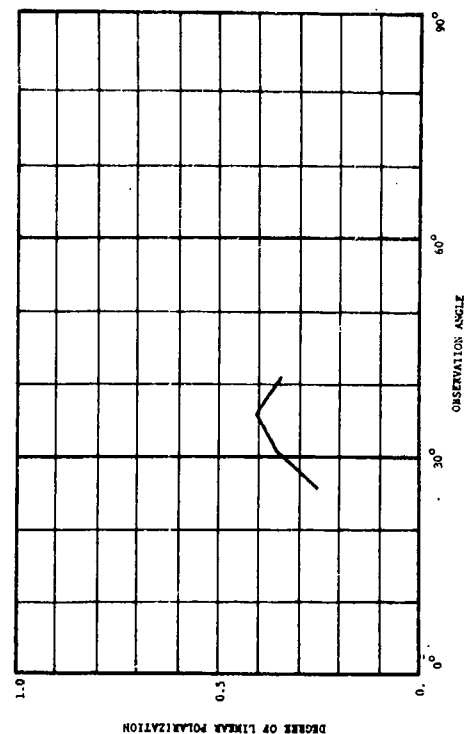
*B1386-065 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADXB CED CN DDMC DFD DK ECB

PARAMETER INFORMATION
DATE- TIME-
DAYS RE- IN-30
OBS- TIDR-
TEMP- DEN FT-

LONG- ALT-
CN- CAL- 180
WIND DI- IIR- E
LAMBDA- VIS-
N AVE- 1



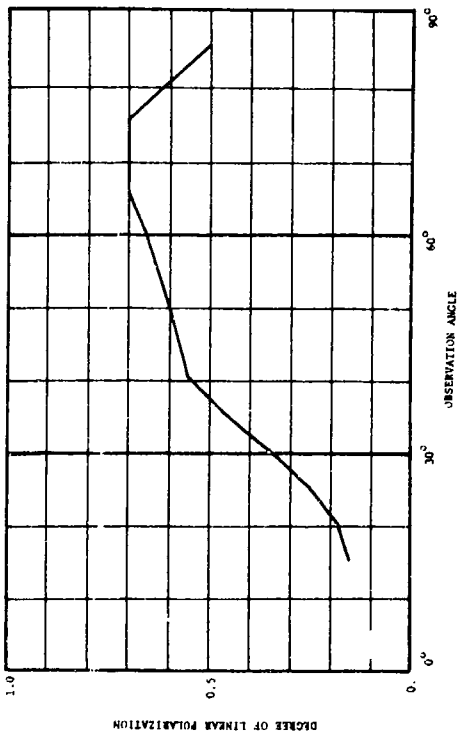
*B1386-042 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADXB CED CN DDMC DFD DK ECB

PARAMETER INFORMATION
DATE- TIME-
DAYS RE- IN-60
OBS- TIDR-
TEMP- DEN FT-

LONG- ALT-
CN- CAL- 180
WIND DI- IIR- E
LAMBDA- VIS-
N AVE- 1



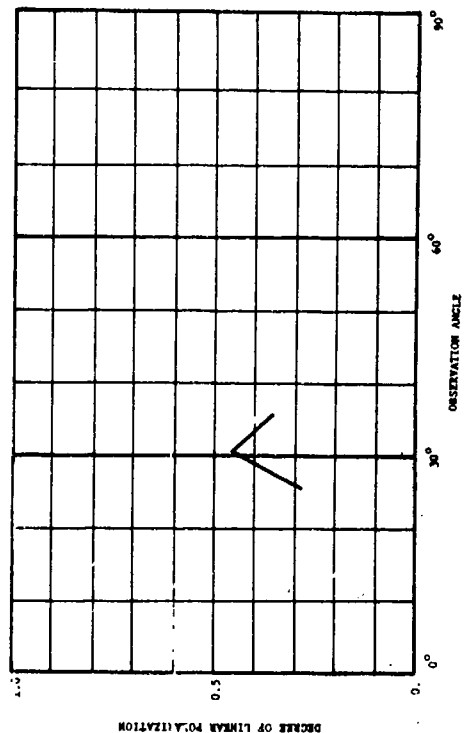
*B1386-044 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADXB CED CN DDMC DFD DK ECB

PARAMETER INFORMATION
DATE- TIME-
DAYS RE- IN-30
OBS- TIDR-
TEMP- DEN FT-

LONG- ALT-
CN- CAL- 180
WIND DI- IIR- E
LAMBDA- VIS-
N AVE- 1



CONFIDENTIAL

CONFIDENTIAL

AEM 25

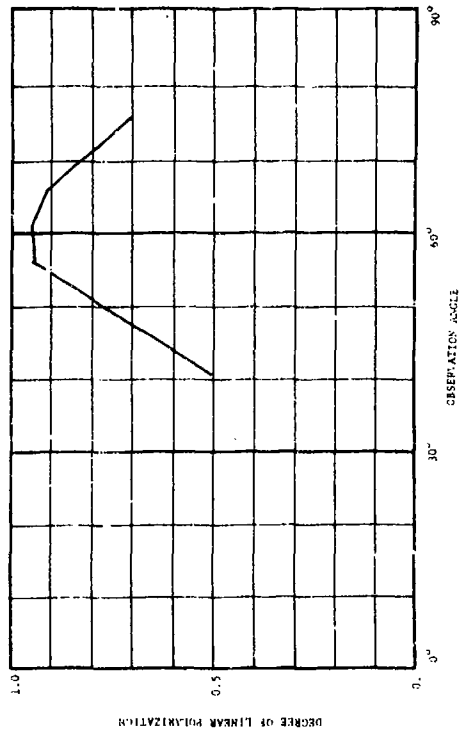
*81386-070 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

AE8B CED CN D08C DFD DN EGB

PARAMETER INFORMATION

DATE= TIME= IN=60 LAT= LONG= ALT= RANGE= 180
DAYS RE= IN=60 IAZ= 0 CN= CAZ= 180 IIR= E
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TEMP= DEN FT= DEN FT= X AVE= 1 LAMBDA= .076



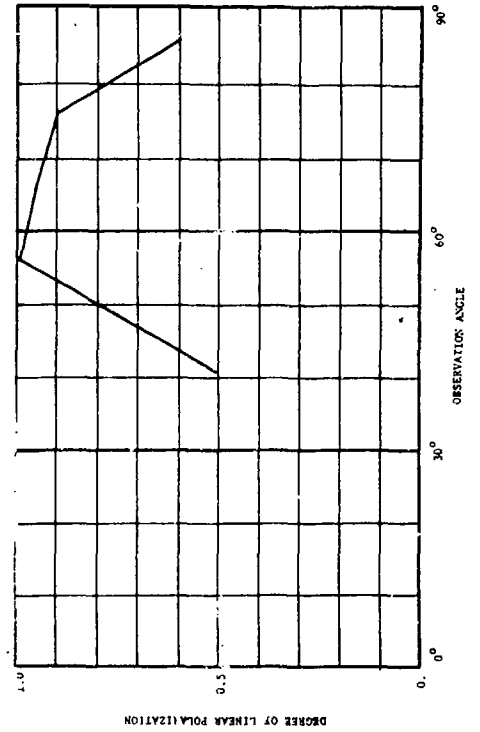
*81386-072 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

AE8B CED CN D08C DFD DN EGB

PARAMETER INFORMATION

DATE= TIME= IN=60 LAT= LONG= ALT= RANGE= 180
DAYS RE= IN=60 IAZ= 0 CN= CAZ= 180 IIR= E
OBS= WIND SP= WIND DI= WIND SP= VIS= 715
TEMP= DEN FT= DEN FT= X AVE= 1 LAMBDA= .086



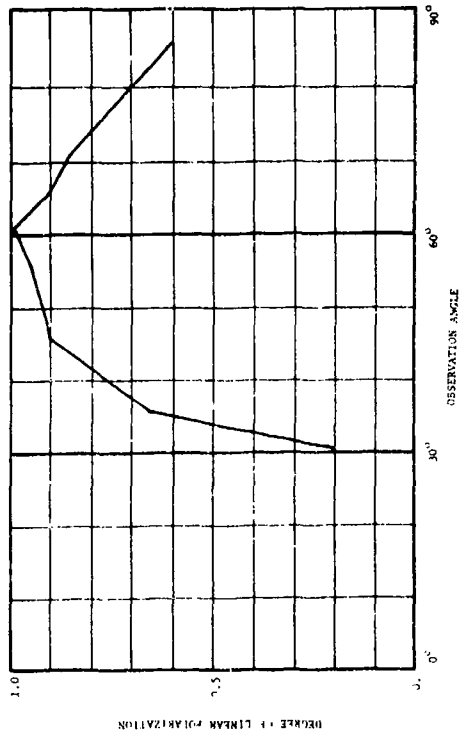
*81386-071 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

AE8B CED CN D08C DFD DN EGB

PARAMETER INFORMATION

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DAYS RE= IN=60 IAZ= 0 CN= CAZ= 180 IIR= E
OBS= WIND SP= WIND DI= WIND SP= VIS= 715
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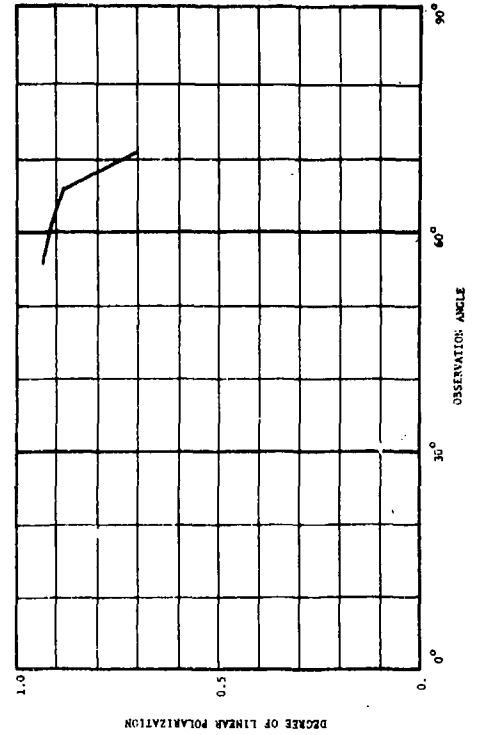
*81386-073 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

AE8B CED CN D08C DFD DN EGB

PARAMETER INFORMATION

DATE= TIME= IN=60 LAT= LONG= ALT= RANGE= 180
DAYS RE= IN=60 IAZ= 0 CN= CAZ= 180 IIR= E
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TEMP= DEN FT= DEN FT= X AVE= 1 LAMBDA= .423



CONFIDENTIAL

CONFIDENTIAL

AEM 26

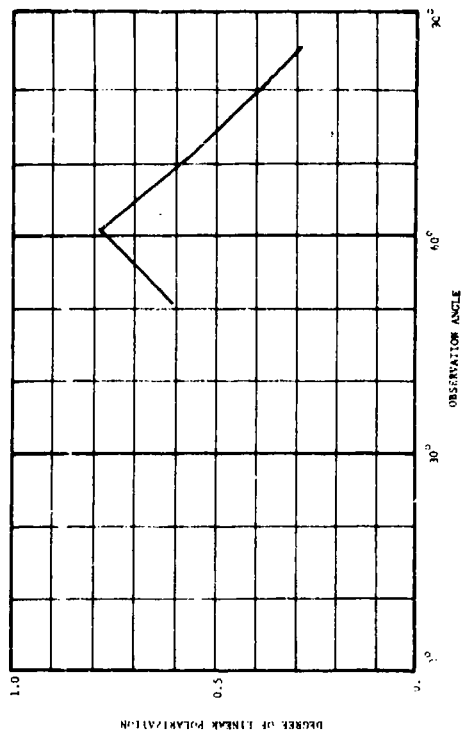
*813864-075 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ASPB CED CN DDMC DFD UK ECB

PARAMETER INFORMATION

DATE= 11-80 TIME= 14-00 LAT= 0 LONG= 0
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CLD= 0 ALT= 180 VIS= 0



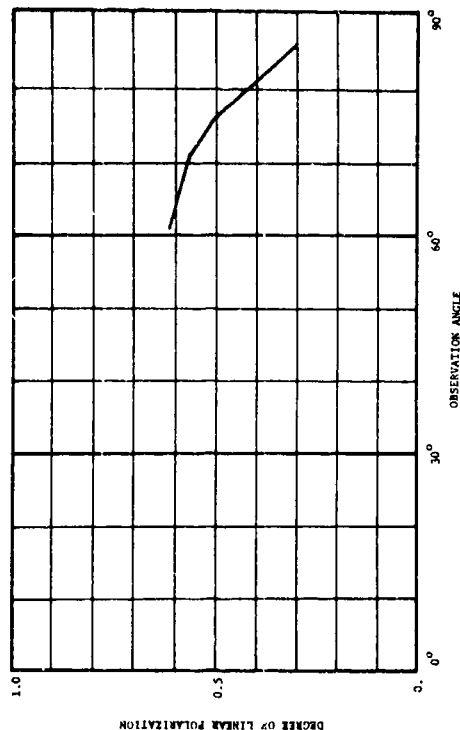
*813864-077 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ASPB CED CN DDMC DFD UK ECB

PARAMETER INFORMATION

DATE= 11-80 TIME= 14-00 LAT= 0 LONG= 0
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TEMP= 0 DEN FT= 0 N AVE= 1 RANGE= 180
CLD= 0 ALT= 180 VIS= 0



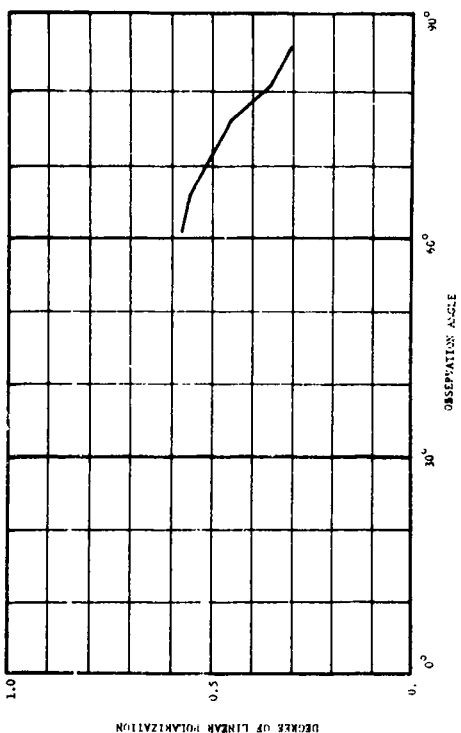
*813864-076 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ASPB CED CN DDMC DFD UK ECB

PARAMETER INFORMATION

DATE= 11-80 TIME= 14-00 LAT= 0 LONG= 0
DAYS RE= 0 OBS= 0 WIND SP= 0 WIND DIR= 0
TEMP= 0 DEN FT= 0 N AVE= 1 RANGE= 180
CLD= 0 ALT= 180 VIS= 0



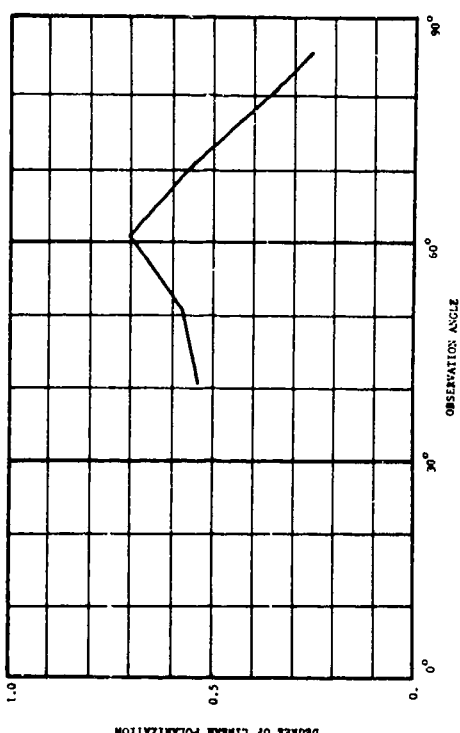
*813864-076 Semigloss Marine Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ASPB CED CN DDMC DFD UK ECB

PARAMETER INFORMATION

DATE= 11-80 TIME= 14-00 LAT= 0 LONG= 0
DAYS RE= 0 OBS= 0 WIND SP= 0 WIND DIR= 0
TEMP= 0 DEN FT= 0 N AVE= 1 RANGE= 180
CLD= 0 ALT= 180 VIS= 0



CONFIDENTIAL

CONFIDENTIAL

AEM 28

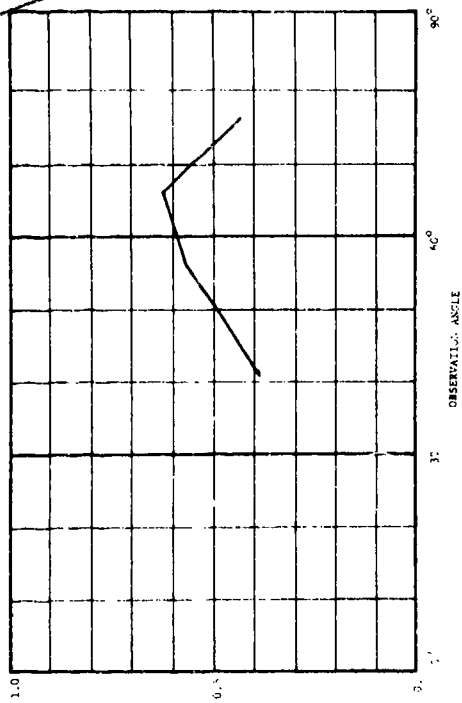
*81384-096 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADBG CUD CN DDMC DFD DK ECB

PARAMETER INFORMATION

DATE- TIME- LAT- LONG- ALT- RANGE-
DAYS RE- 14-60 142-0 148-0 180
OBS- 11-60 148-0 148-0 180
TIME- DEN PT- 148-0 148-0 180
TIME- DEN PT- 148-0 148-0 180



DEGREE OF LINEAR POLARIZATION

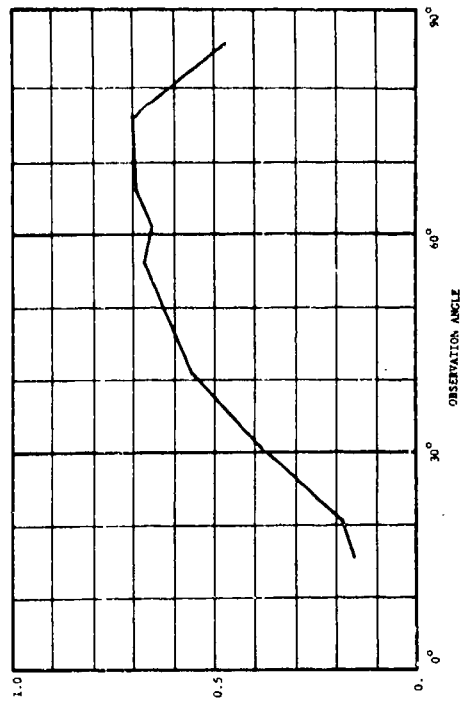
*81384-096 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADBG CUD CN DDMC DFD DK ECB

PARAMETER INFORMATION

DATE- TIME- LAT- LONG- ALT- RANGE-
DAYS RE- 14-60 142-0 148-0 180
OBS- 11-60 148-0 148-0 180
TIME- DEN PT- 148-0 148-0 180
TIME- DEN PT- 148-0 148-0 180



DEGREE OF LINEAR POLARIZATION

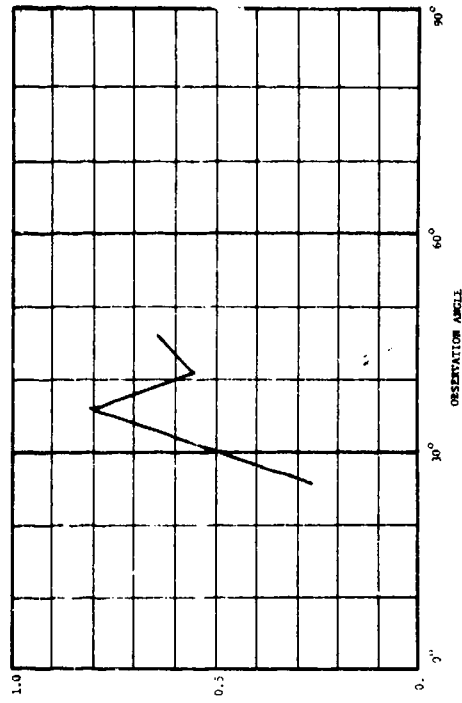
*81384-095 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADBG CUD CN DDMC DFD DK ECB

PARAMETER INFORMATION

DATE- TIME- LAT- LONG- ALT- RANGE-
DAYS RE- 14-60 142-0 148-0 180
OBS- 11-60 148-0 148-0 180
TIME- DEN PT- 148-0 148-0 180
TIME- DEN PT- 148-0 148-0 180



DEGREE OF LINEAR POLARIZATION

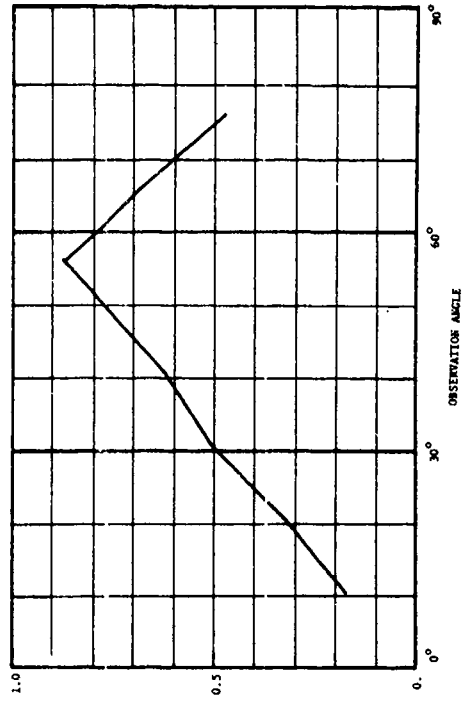
*81384-097 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADBG CUD CN DDMC DFD DK ECB

PARAMETER INFORMATION

DATE- TIME- LAT- LONG- ALT- RANGE-
DAYS RE- 14-60 142-0 148-0 180
OBS- 11-60 148-0 148-0 180
TIME- DEN PT- 148-0 148-0 180
TIME- DEN PT- 148-0 148-0 180



DEGREE OF LINEAR POLARIZATION

CONFIDENTIAL

CONFIDENTIAL

ARM 20

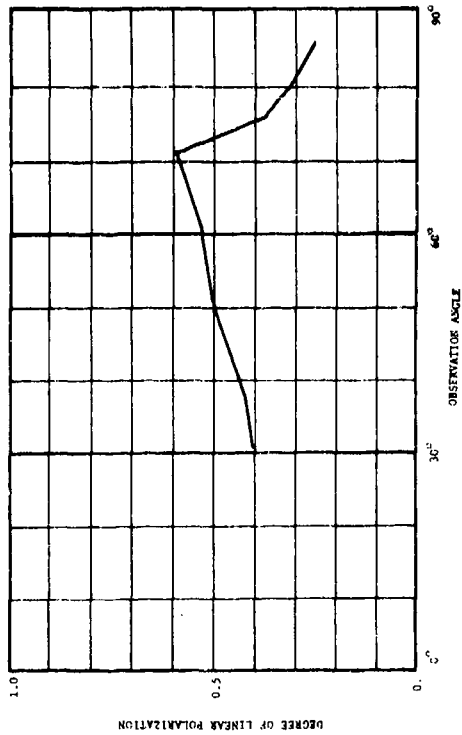
*813864-100 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADMB CED CM DDMC DFD DK ECH

PARAMETER INFORMATION

DATE- TIME-
DAYS RE- IN-60
OBS- ITD-
TEMP- DEN PT-
LAT- 0
EAS- 0
WIND SP-
N AVE- 1
WIND DI-
LAMBDA- .706



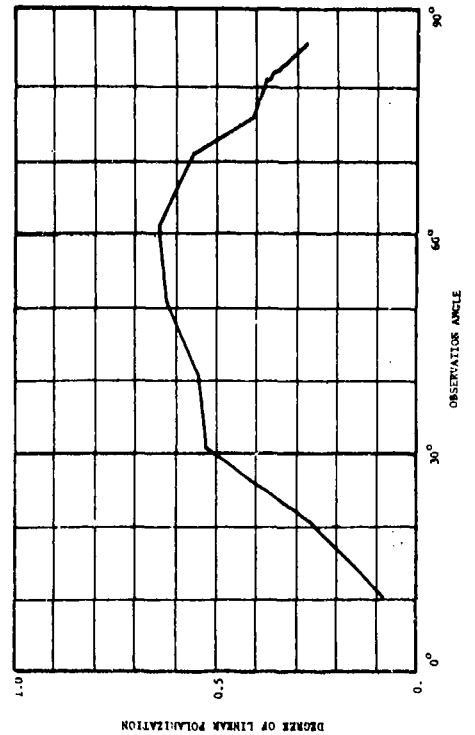
*813864-102 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADMB CED CM DDMC DFD DK ECH

PARAMETER INFORMATION

DATE- TIME-
DAYS RE- IN-60
OBS- ITD-
TEMP- DEN PT-
LAT- 0
EAS- 0
WIND SP-
N AVE- 1
WIND DI-
LAMBDA- .544



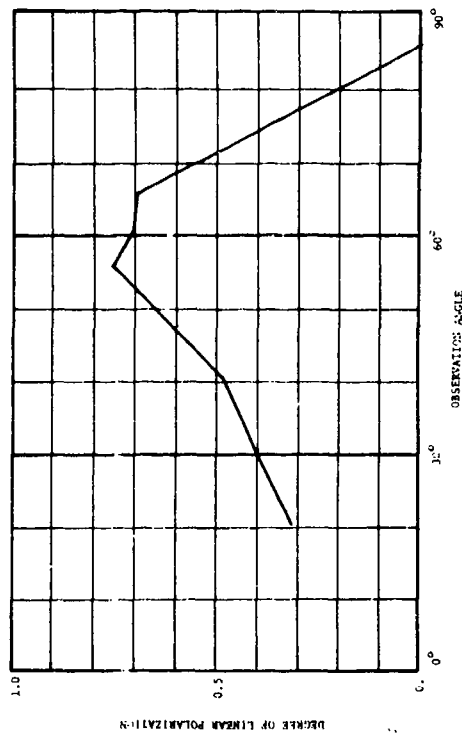
*813864-099 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADMB CED CM DDMC DFD DK ECH

PARAMETER INFORMATION

DATE- TIME-
DAYS RE- IN-60
OBS- ITD-
TEMP- DEN PT-
LAT- 0
EAS- 0
WIND SP-
N AVE- 1
WIND DI-
LAMBDA- .886



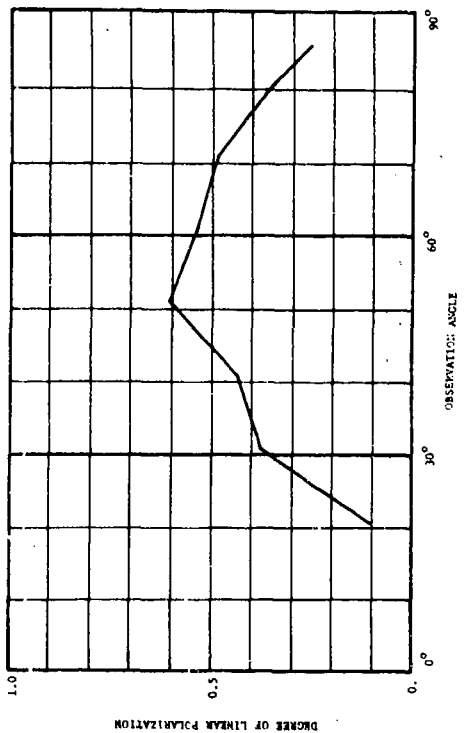
*813864-101 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADMB CED CM DDMC DFD DK ECH

PARAMETER INFORMATION

DATE- TIME-
DAYS RE- IN-60
OBS- ITD-
TEMP- DEN PT-
LAT- 0
EAS- 0
WIND SP-
N AVE- 1
WIND DI-
LAMBDA- .656



CONFIDENTIAL

CONFIDENTIAL

AEM 30

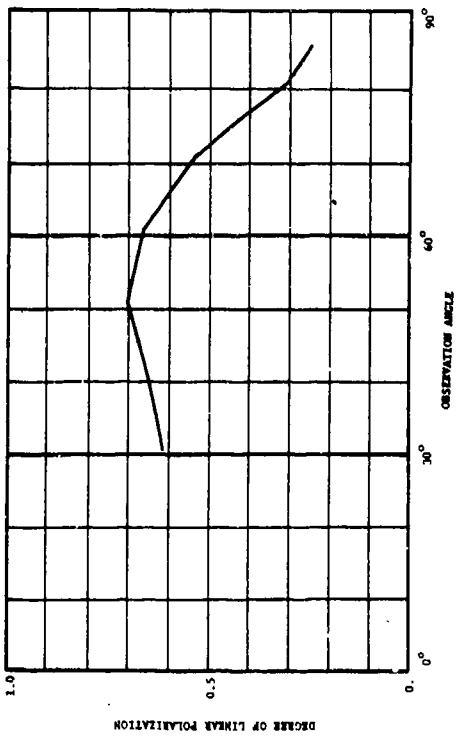
*R13864-103 Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADSB CED CN DMC DFD DK ECR

PARAMETER INFORMATION

DATE- TIME-
DATE RE- TIME-30
ORST- TIME-
TEMP- DEN PT-
LOW- LAT-
CH- LAL-0
WIND SP- WIND DI-
LANDMA- .436
ALT- ALT-
CAS- CAS-180
CLD- CLD-
RANGE- RANGE-
TER- TER- E
VIS- VIS-



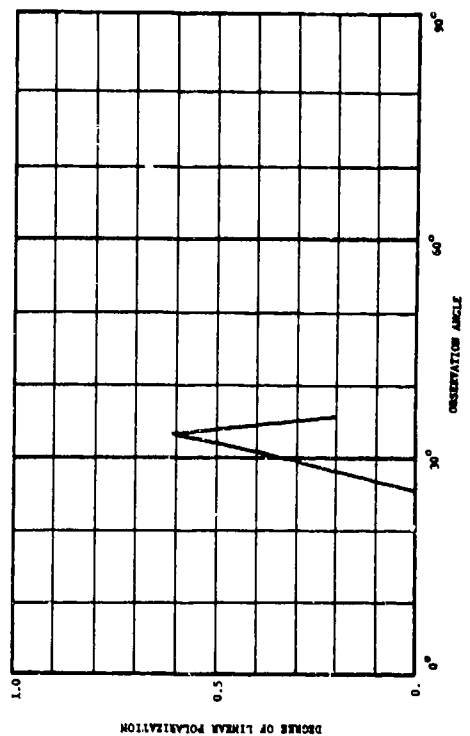
*R13864-105 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES

ADSB ECRBI CED CN DMC DFD DK ECR

PARAMETER INFORMATION

DATE- TIME-
DATE RE- TIME-30
ORST- TIME-
TEMP- DEN PT-
LOW- LAT-
CH- LAL-0
WIND SP- WIND DI-
LANDMA- .706
ALT- ALT-
CAS- CAS-180
CLD- CLD-
RANGE- RANGE-
TER- TER- E
VIS- VIS-



CONFIDENTIAL

*R13864-104

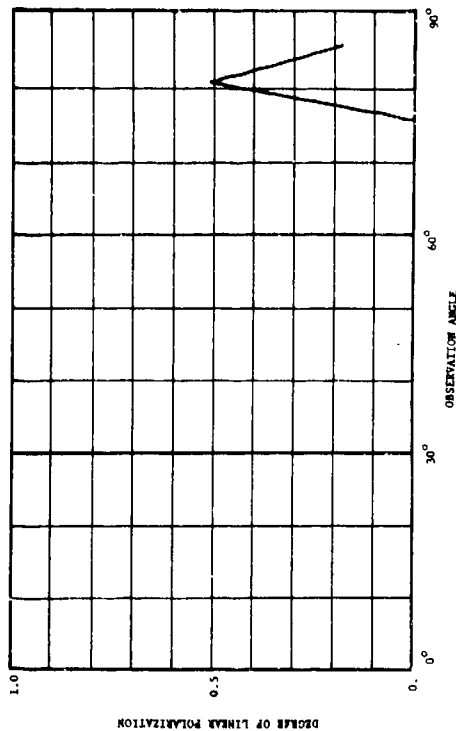
Camouflage Green Paint. (CONFIDENTIAL)

SUBJECT CODES

ADSB CED CN DMC DFD DK ECR

PARAMETER INFORMATION

DATE- TIME-
DATE RE- TIME-30
ORST- TIME-
TEMP- DEN PT-
LOW- LAT-
CH- LAL-0
WIND SP- WIND DI-
LANDMA- .423
ALT- ALT-
CAS- CAS-180
CLD- CLD-
RANGE- RANGE-
TER- TER- E
VIS- VIS-



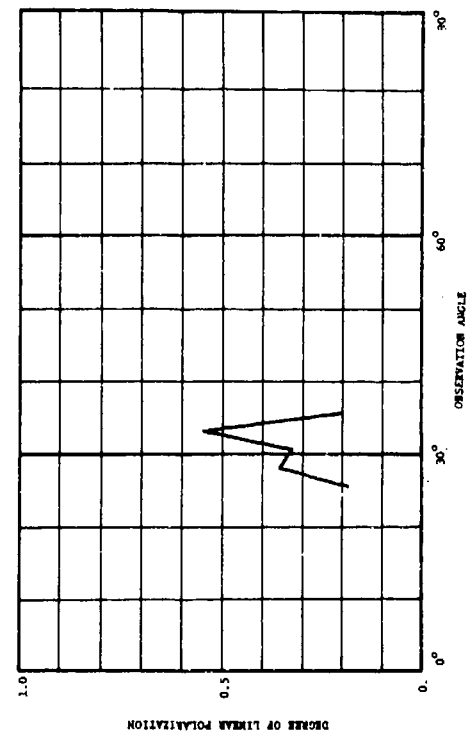
*R13864-106 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES

ADSB ECRBI CED CN DMC DFD DK ECR

PARAMETER INFORMATION

DATE- TIME-
DATE RE- TIME-30
ORST- TIME-
TEMP- DEN PT-
LOW- LAT-
CH- LAL-0
WIND SP- WIND DI-
LANDMA- .656
ALT- ALT-
CAS- CAS-180
CLD- CLD-
RANGE- RANGE-
TER- TER- E
VIS- VIS-



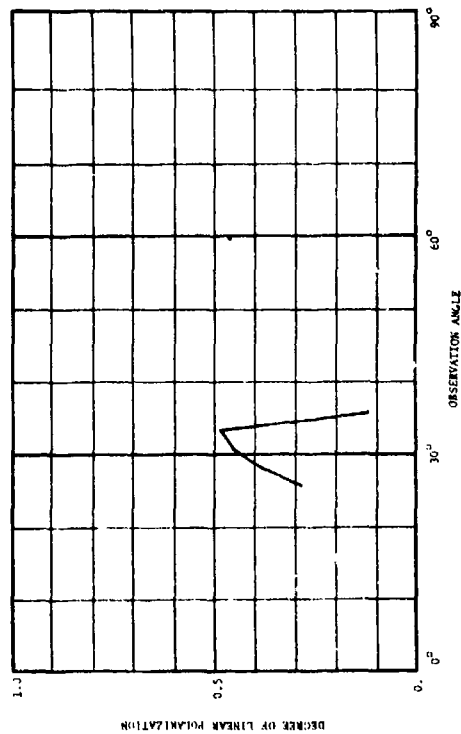
CONFIDENTIAL

AEM 31

*B13864-107 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES

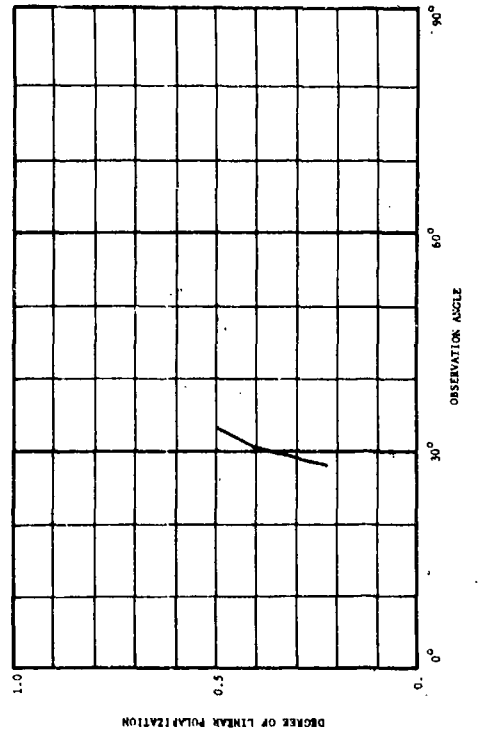
ADSB ECHS1 CED CN DMC DFD DK ECH
PARAMETER INFORMATION
DATE= DATE EL= TIME= RANGE= 180
TIME= 10 30 10 30 10 30 180
TIME= 10 30 10 30 10 30 180
TIME= 10 30 10 30 10 30 180



*B13864-109 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES

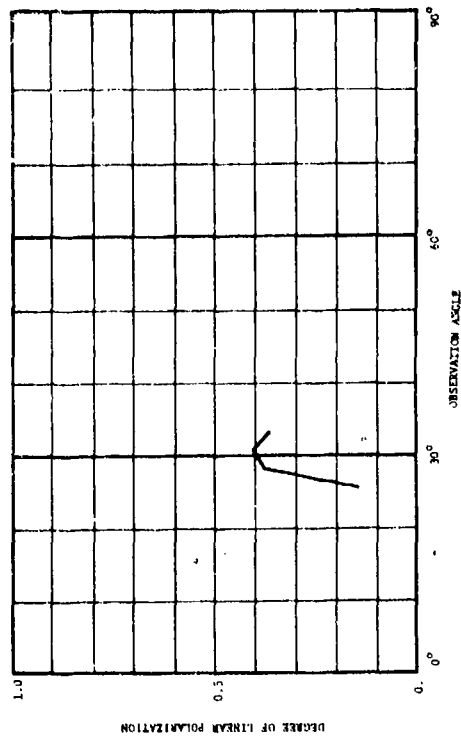
ADSB ECHS1 CED CN DMC DFD DK ECH
PARAMETER INFORMATION
DATE= DATE EL= TIME= RANGE= 180
TIME= 10 30 10 30 10 30 180
TIME= 10 30 10 30 10 30 180
TIME= 10 30 10 30 10 30 180



*B13864-108 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES

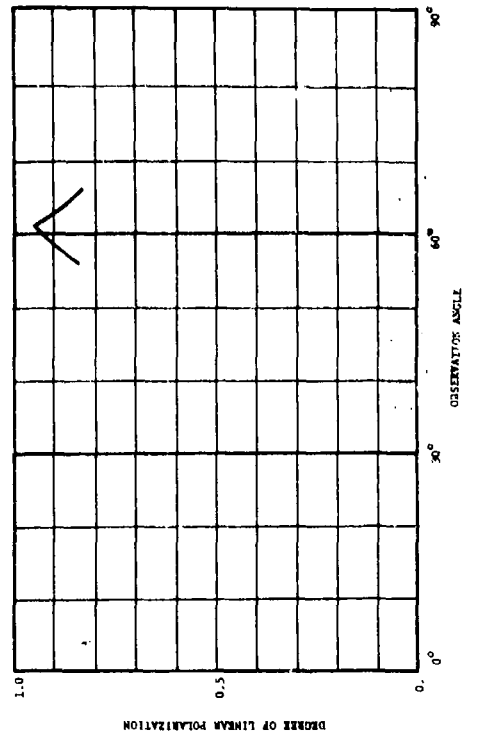
ADSB ECHS1 CED CN DMC DFD DK ECH
PARAMETER INFORMATION
DATE= DATE EL= TIME= RANGE= 180
TIME= 10 30 10 30 10 30 180
TIME= 10 30 10 30 10 30 180
TIME= 10 30 10 30 10 30 180



*B13864-110 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES

ADSB ECHS1 CED CN DMC DFD DK ECH
PARAMETER INFORMATION
DATE= DATE EL= TIME= RANGE= 180
TIME= 10 30 10 30 10 30 180
TIME= 10 30 10 30 10 30 180
TIME= 10 30 10 30 10 30 180



CONFIDENTIAL

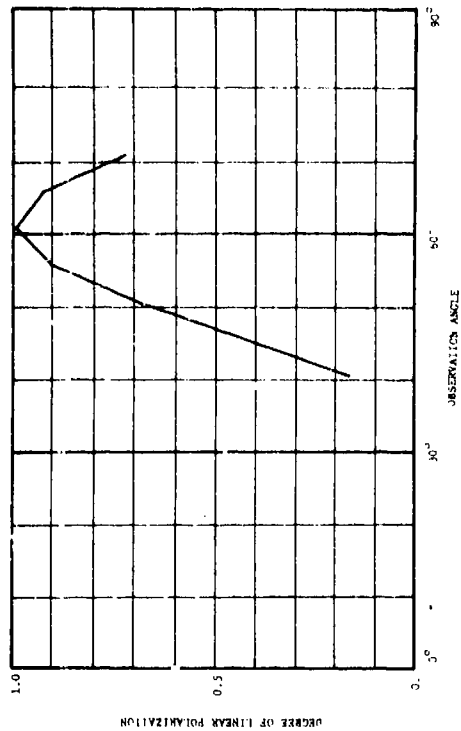
CONFIDENTIAL

AFM 32

*B13864-112 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES
A900 EC881 CED CN D00C DFD DK ECL

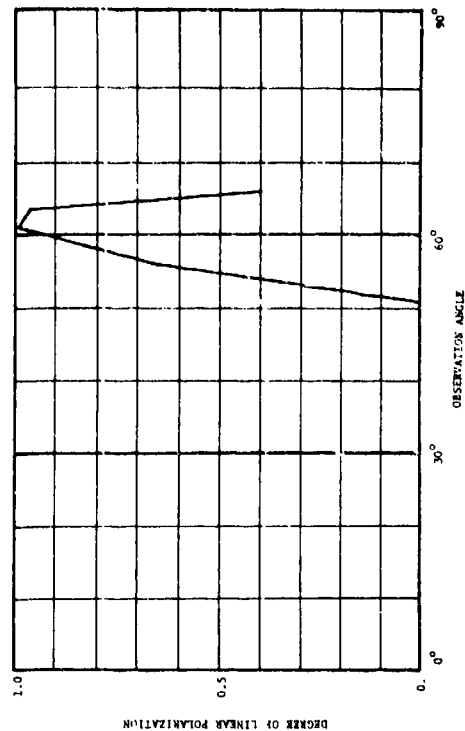
PARAMETER INFORMATION
DATE- TIME-
DAYS RE- IN-60
ORST- TEMP-
TEMP- DEN PT-
LAT- LONG-
L2Z- 0 CM- ALT-
WIND SP- WIND DI- WIND E
N AVE- 1 LAMBDA- .240



*B13864-114 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES
A900 EC881 CED CN D00C DFD DK ECL

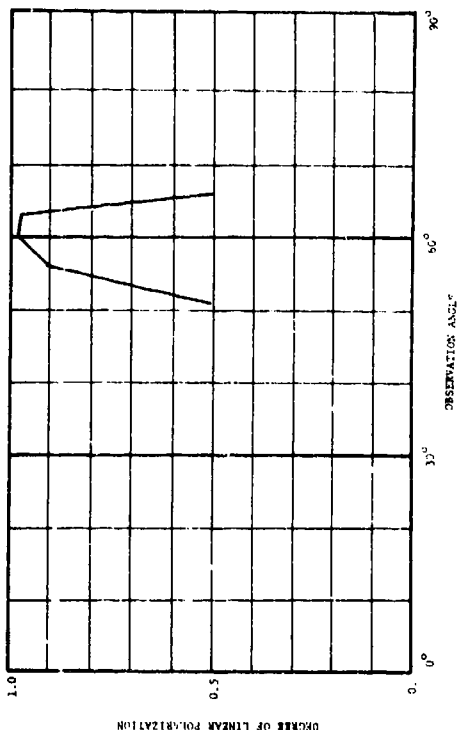
PARAMETER INFORMATION
DATE- TIME-
DAYS RE- IN-60
ORST- TEMP-
TEMP- DEN PT-
LAT- LONG-
L2Z- 0 CM- ALT-
WIND SP- WIND DI- WIND E
N AVE- 1 LAMBDA- .223



*B13864-111 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES
A900 EC881 CED CN D00C DFD DK ECL

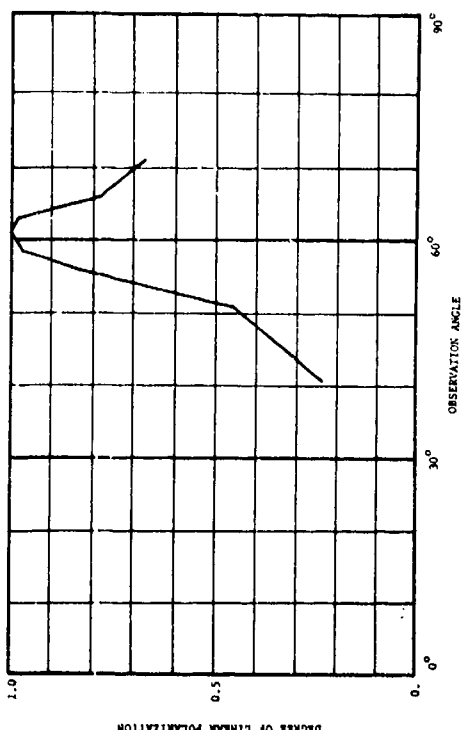
PARAMETER INFORMATION
DATE- TIME-
DAYS RE- IN-60
ORST- TEMP-
TEMP- DEN PT-
LAT- LONG-
L2Z- 0 CM- ALT-
WIND SP- WIND DI- WIND E
N AVE- 1 LAMBDA- .656



*B13864-113 Glossy Olive Drab Paint. (CONFIDENTIAL)

SUBJECT CODES
A900 EC881 CED CN D00C DFD DK ECL

PARAMETER INFORMATION
DATE- TIME-
DAYS RE- IN-60
ORST- TEMP-
TEMP- DEN PT-
LAT- LONG-
L2Z- 0 CM- ALT-
WIND SP- WIND DI- WIND E
N AVE- 1 LAMBDA- .436



CONFIDENTIAL

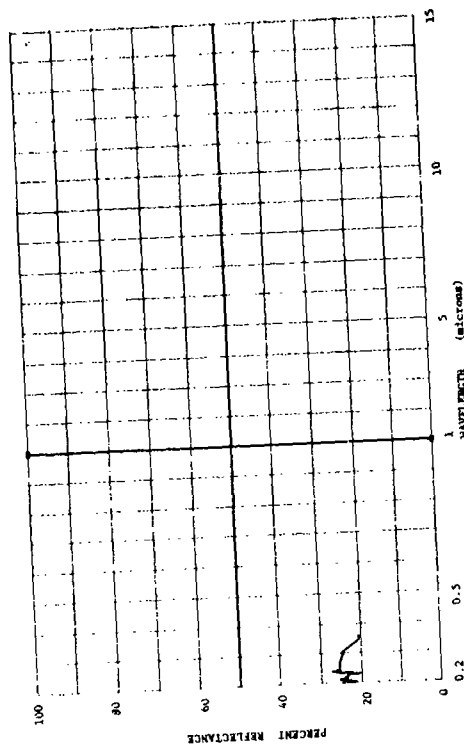
SECRET

ARM 33

• B13944-023 Steel Finished With Olive Drab Iridate, Specular. (SECRET)

SUBJECT CODES
ADSB ECBB1 AEL CDC CED DPA DFC DK ECAD ECAD

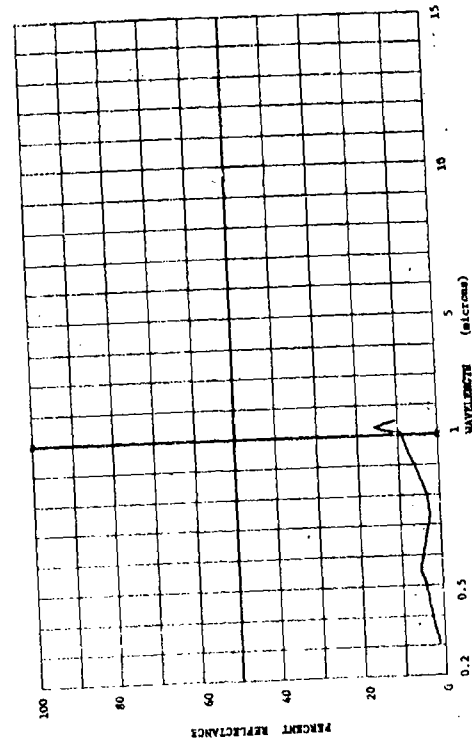
PARAMETER INFORMATION
DATE= 64 TIME= 1200
DAYS RE= 1000
OBS= 1000
TEMP= 1000
LAT= 1200
LON= 1200
WIND DI= 1200
WIND SP= 1200
N AVE= 1200
RANGE= 1200
ALT= 1200
CAL= 1200
CLD= 1200
VIS= 1200



• B13946-030 Tank Metal, Olive Drab, Dry. (SECRET)

SUBJECT CODES
ADSB ECBB1 AEL CDC CED DPA DFC DK ECAD ECAD

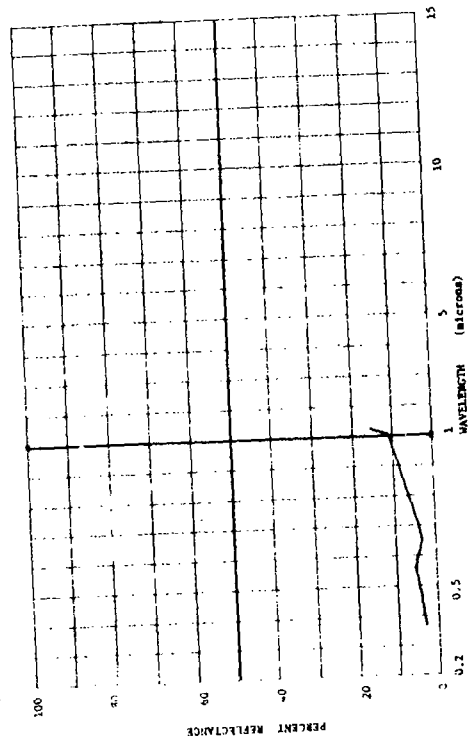
PARAMETER INFORMATION
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DAYS RE= 1000
OBS= 1000
TEMP= 1000
LAT= 1200
LON= 1200
WIND DI= 1200
WIND SP= 1200
N AVE= 1200
RANGE= 1200
ALT= 1200
CAL= 1200
CLD= 1200
VIS= 1200



• B13946-009 Tank Metal, Olive Drab, Dry. (SECRET)

SUBJECT CODES
ADSB ECBB1 AEL CDC CED DPA DFC DK ECAD ECAD

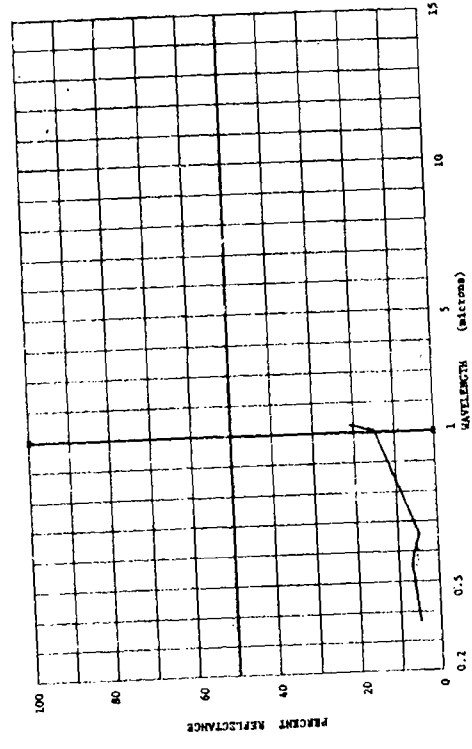
PARAMETER INFORMATION
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DAYS RE= 1000
OBS= 1000
TEMP= 1000
LAT= 1200
LON= 1200
WIND DI= 1200
WIND SP= 1200
N AVE= 1200
RANGE= 1200
ALT= 1200
CAL= 1200
CLD= 1200
VIS= 1200



• B13946-020 Tank Metal, Olive Drab, Wet and Dirty. (SECRET)

SUBJECT CODES
ADSB ECBB1 AEL CDC CED DPA DFC DK ECAD ECAD

PARAMETER INFORMATION
DATE= 64 TIME= 1200
DAYS RE= 1000
OBS= 1000
TEMP= 1000
LAT= 1200
LON= 1200
WIND DI= 1200
WIND SP= 1200
N AVE= 1200
RANGE= 1200
ALT= 1200
CAL= 1200
CLD= 1200
VIS= 1200



SECRET

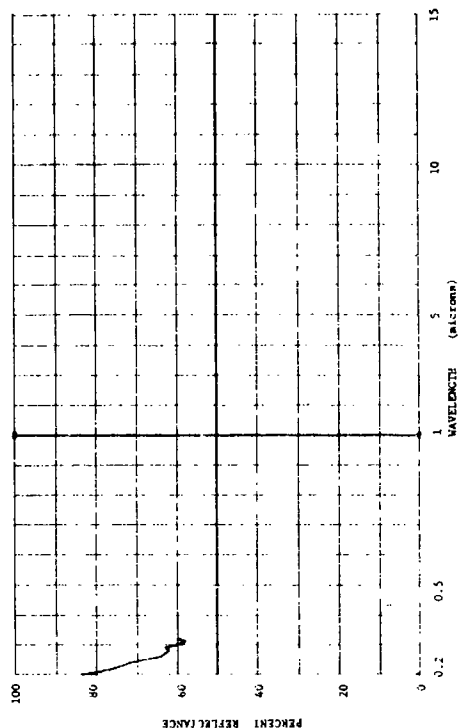
CONFIDENTIAL

AEM 34

*B14004-003 Olive Drab Paint (M1 Std 34127) on Metal. (CONFIDENTIAL)

SUBJECT CODES
AEMB EMBI AET CED DPA DPCD DK ECAC ECAD

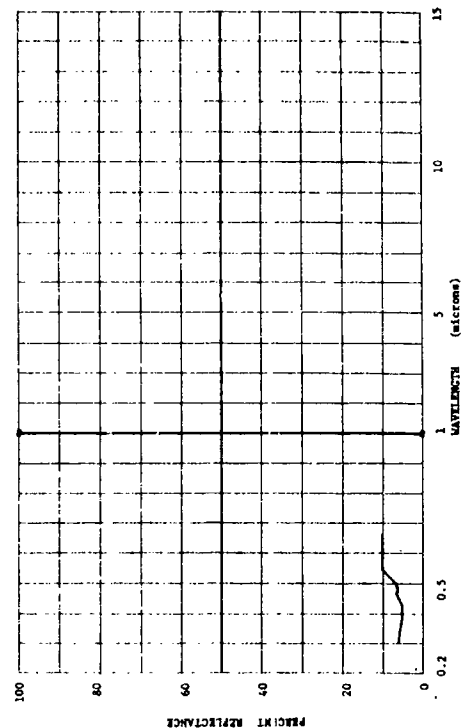
PARAMETER INFORMATION
DATE- 64 TIME-
DAYS RE- 12m
OBS- TEMP-
TEMP- DEN PT-
WIND SP-
WIND DI-
WAVE- 1
RANGE-
IR- E
VIS-



*B14004-004 Olive Drab Paint on Wood. (CONFIDENTIAL)

SUBJECT CODES
AEMB EMBI AET CED DPA DPCD DK ECAC ECAD

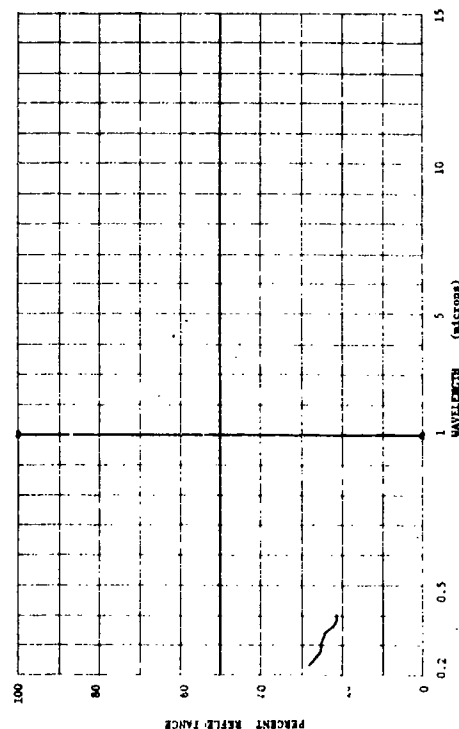
PARAMETER INFORMATION
DATE- 64 TIME-
DAYS RE- 12m
OBS- TEMP-
TEMP- DEN PT-
WIND SP-
WIND DI-
WAVE- 1
RANGE-
IR- E
VIS-



*B14004-002 Olive Drab Paint (M1 Std 34127) on Wood. (CONFIDENTIAL)

SUBJECT CODES
AEMB EMBI AET CED DPA DPCD DK ECAC ECAD

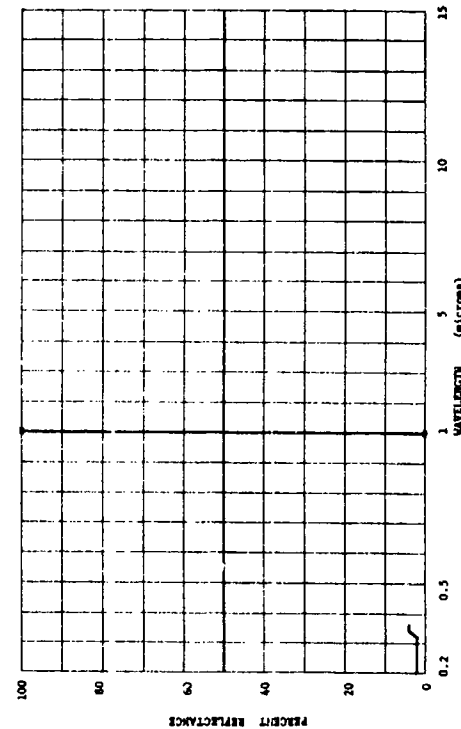
PARAMETER INFORMATION
DATE- 64 TIME-
DAYS RE- 12m
OBS- TEMP-
TEMP- DEN PT-
WIND SP-
WIND DI-
WAVE- 1
RANGE-
IR- E
VIS-



*B14004-004 Olive Drab Paint (M1 Std 34127) on Wood. (CONFIDENTIAL)

SUBJECT CODES
AEMB EMBI AET CED DPA DPCD DK ECAC ECAD

PARAMETER INFORMATION
DATE- 64 TIME-
DAYS RE- 12m
OBS- TEMP-
TEMP- DEN PT-
WIND SP-
WIND DI-
WAVE- 1
RANGE-
IR- E
VIS-



CONFIDENTIAL

SECRET

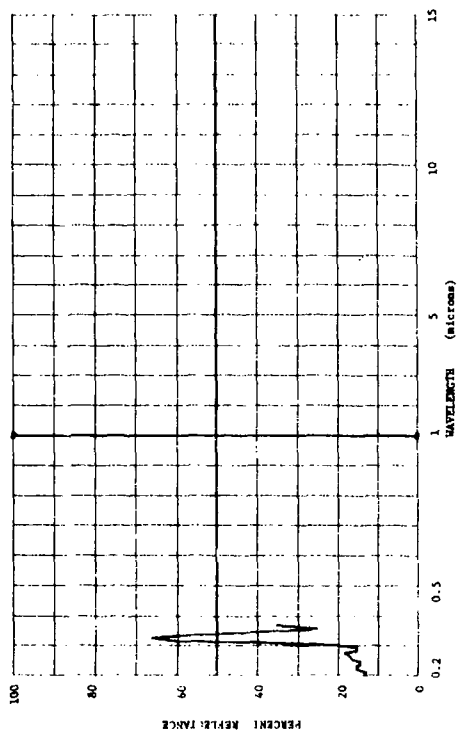
AEM 36

* B13946-022 Steel Finished With Gold Iridite, Specular. (SECRET)

SUBJECT CODES
ADND AEL CDC CED DFAD DFED DK EOCAC ECAD

PARAMETER INFORMATION
DATE- 64 TIME-
DATA- 142- IM- LONG-
DAYS- 142- CM- ALT-
OBS- 142- WIND SP- CAC-
TIME- 142- WIND DI- CID-
DEM PT- 142- N AVE- 1

RANGE-
IR- E
VIS-

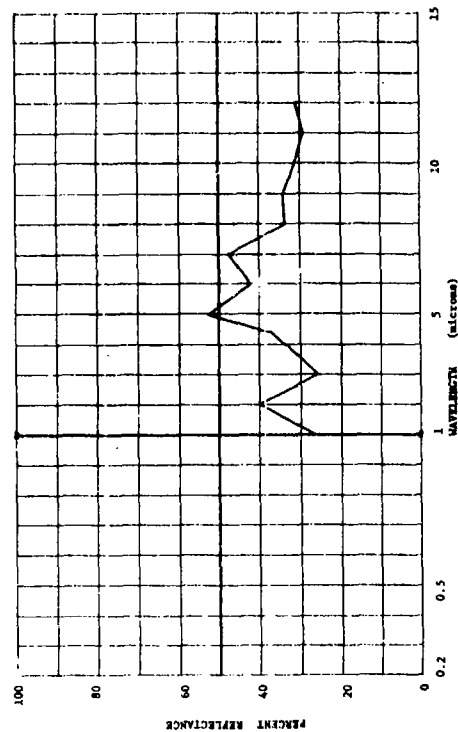


* B13501-011 High Temperature Aluminum Paint, Aluminum, On Mild Steel, Semi-Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADND AEL CDC CED DFAD DMG EOCB EOCB EOCB EOCB

PARAMETER INFORMATION
DATE- 55 TIME-
DATA- 142- IM- LONG-
DAYS- 142- CM- ALT-
OBS- 142- WIND SP- CAC-
TIME- 142- WIND DI- CID-
DEM PT- 142- N AVE- 1

RANGE-
IR- E
VIS-

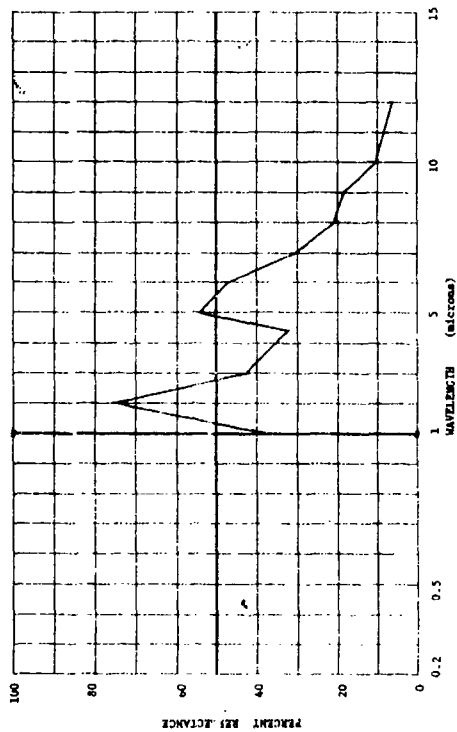


* B13501-008 Lacquer, White, On Mild Steel, Full Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADND AEL CDC CED DFAD DMG EOCB EOCB EOCB EOCB

PARAMETER INFORMATION
DATE- 55 TIME-
DATA- 142- IM- LONG-
DAYS- 142- CM- ALT-
OBS- 142- WIND SP- CAC-
TIME- 142- WIND DI- CID-
DEM PT- 142- N AVE- 1

RANGE-
IR- E
VIS-

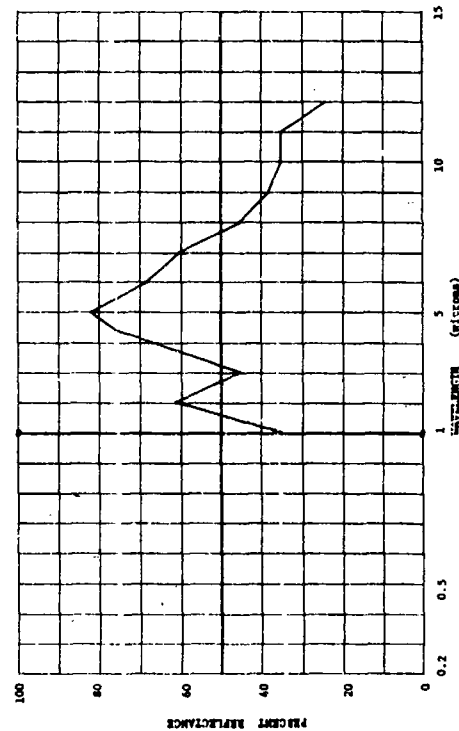


* B13501-010 High Temperature Aluminum Paint, Aluminum, On Mild Steel, Semi-Gloss. (CONFIDENTIAL)

SUBJECT CODES
ADND AEL CDC CED DFAD DMG EOCB EOCB EOCB EOCB

PARAMETER INFORMATION
DATE- 55 TIME-
DATA- 142- IM- LONG-
DAYS- 142- CM- ALT-
OBS- 142- WIND SP- CAC-
TIME- 142- WIND DI- CID-
DEM PT- 142- N AVE- 1

RANGE-
IR- E
VIS-



SECRET

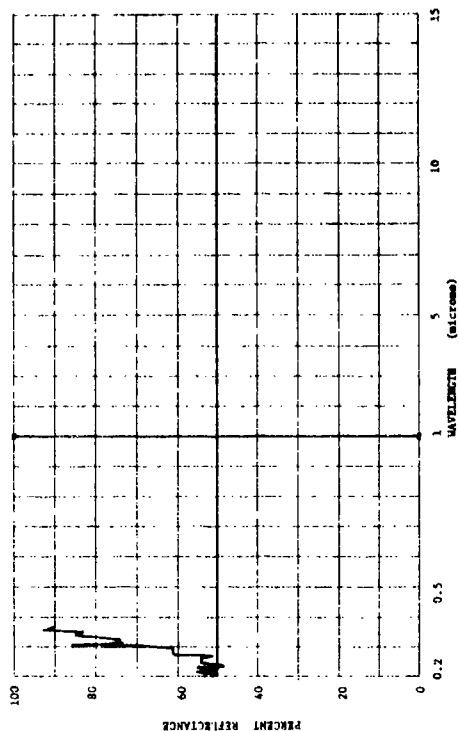
SECRET

AEM 37

* B13946-021 Steel Finished With Clear Iridite, Specular. (SECRET)

SUBJECT CODES
AEMF AEL CDC CED DFPA DPCD DK ECAC ECAD

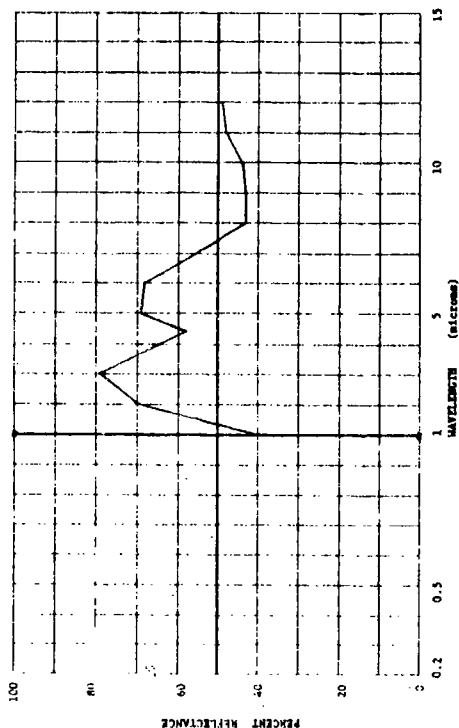
PARAMETER INFORMATION
DATE= 84 TIME= LINC= ALT= NAME= E
TIME= 1000= WIND SP= WIND DI= CUB= VIS=



* B13901-012 Aluminum Exampl. Aluminum, Un Nite Steel, Full Gloss. (CONFIDENTIAL)

SUBJECT CODES
AEMFA AEL CDC CED DFPA DMC ECDA ECCB ECCD ECDD

PARAMETER INFORMATION
DATE= 55 TIME= LINC= ALT= NAME= E
TIME= 1000= WIND SP= WIND DI= CUB= VIS=



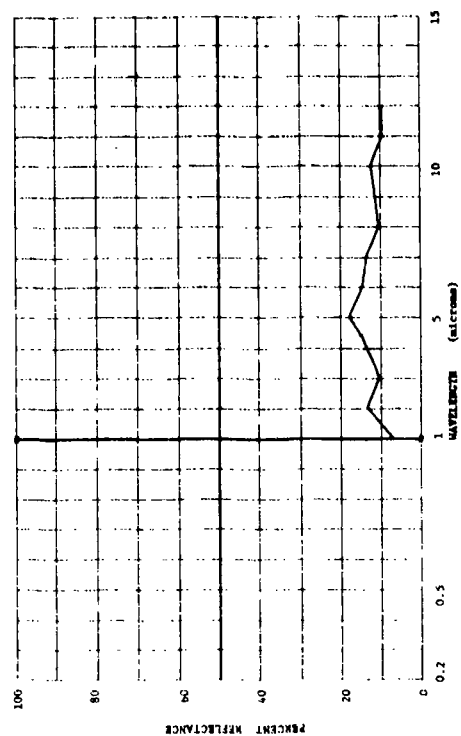
SECRET

AEO
TARGET MATERIALS
Plastic

• B13501-047 Vinyl Resin, Non-Specular Blue, On Nylon, Medium Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES									
AZO	ECHRA	CDC	CED	DYAA	MIG	EOCA	EOCB	EOCC	EOCD
EECE									

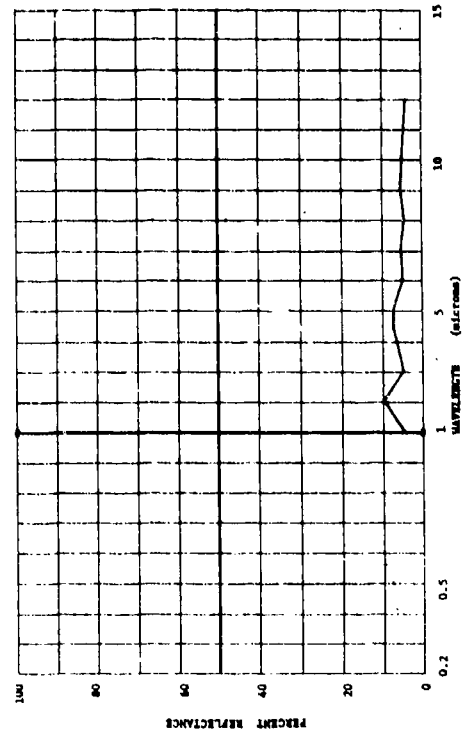
PARAMETER INFORMATION					
DATE=	SS	LAT=	LONG=	RANGE=	
DAYS RE=	1m	LAS=	CN=	IR= E	
OBS=	TTR=	VIBO SP=	WIND DI=	CJD=	VIS=
TEMP=	DON PT=	N AVG= 1			



NY 813501-049 Vinyl Basis, Olive Drab, On Nylon, Coarse Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES							
AEO	ECHBI	CDC	CED	DYAA	DMC	MCA	DOC
							DOC
							PAGE

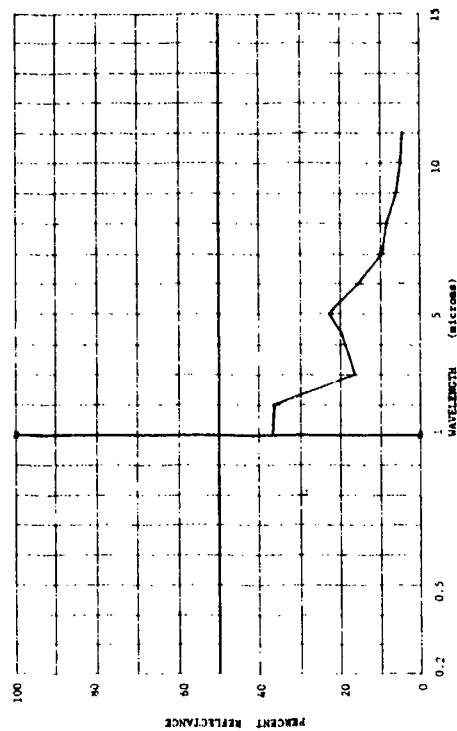
PARAMETER INFORMATION						
DATE=	55	TIME=		LAT=	LONG=	ALT=
DAYS RE=		IR=		LAC=	CR=	CAL=
OBS=		TDR PT=		VTRM SP=	VTRM DI=	CLD=
TIME=				R AVE=	1	VTS=
RANGE=						



• 81350 : Vinyl Resin, White, Jo Nylon, Medium Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES	ECCC	ECCB	ECCA	DGAA	CED	CDC	ECCUJ
AFC							
PAGE							

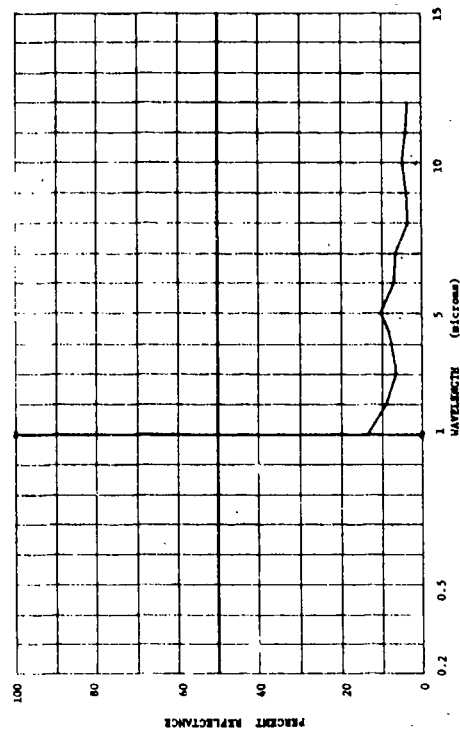
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DAYS=	10	LA2=	
ONST=	1	CAZ=	
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		WIND D6=	
		WIND D7=	
		WIND D8=	
		WIND D9=	
		WIND D10=	
		WIND D11=	
		WIND D12=	
		WIND D13=	
		WIND D14=	
		WIND D15=	
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		WIND D108=	
		WIND D109=	
		WIND D110=	
		WIND D111=	
		WIND D112=	
		WIND D113=	
		WIND D1	



• 913501-048 Vinyl Resin, Olive Drab, On Nylon, Medium Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES	
ADO	ECCB
CDC	ECCB
CED	ECCB
DFAA	ECCB
DKG	ECCB
ECCA	ECCB
ECCB	ECCB
ECCD	ECCB

PARAMETER INFORMATION					
DATE=	TIME=	LAT=	LONG=	ALT=	RANGE=
DAYS	SS	LAZ=	CR=	CAL=	LEN= F
RE=	IS=	WIND SP=	WIND DI=	CLD=	VLS=
TREQ=	TTREQ=	M AVG=			
DTM=	DEM FT=				
TIME=					



CONFIDENTIAL

CONFIDENTIAL

AEO 2

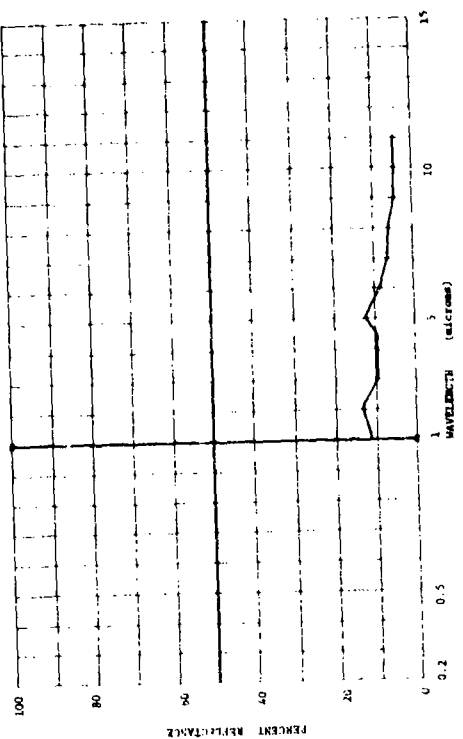
*B13501-040 Vinyl, Olive Drab, On Cotton, Coarse Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEO ECBBI CDC CED DFPA DMG ECCA ECCB ECCD
ECCF

PARAMETER INFORMATION
DATE= 55 TIME= 10:00
DAYS RE= 10-11-55
OBS= 11-11-55
TIME= 11:00
DEN PT= 1

LONG= 100-00-00
LAT= 33-00-00
WIND DI= 090
WIND SP= 10
N AVE= 1

ALT= 0
CLD= 0
RANGE= 0
TMR= 0
VIS= 0



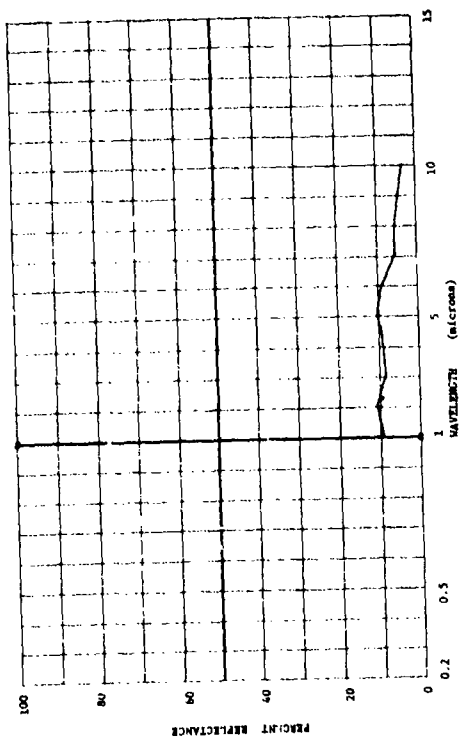
*B13501-072 Vinyl, Black, On Glass Cloth, Medium Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEO ECBBI CDC CED DFPA DMG ECCA ECCB ECCD
ECCF

PARAMETER INFORMATION
DATE= 55 TIME= 10:00
DAYS RE= 10-11-55
OBS= 11-11-55
TIME= 11:00
DEN PT= 1

LONG= 100-00-00
LAT= 33-00-00
WIND DI= 090
WIND SP= 10
N AVE= 1

ALT= 0
CLD= 0
RANGE= 0
TMR= 0
VIS= 0



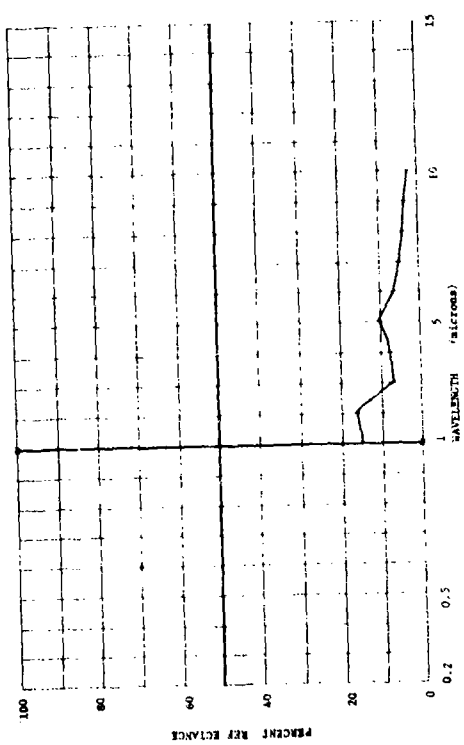
*B13501-059 Vinyl, Olive Drab, On Cotton, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEO ECBBI CDC CED DFPA DMG ECCA ECCB ECCD
ECCF

PARAMETER INFORMATION
DATE= 55 TIME= 10:00
DAYS RE= 10-11-55
OBS= 11-11-55
TIME= 11:00
DEN PT= 1

LONG= 100-00-00
LAT= 33-00-00
WIND DI= 090
WIND SP= 10
N AVE= 1

ALT= 0
CLD= 0
RANGE= 0
TMR= 0
VIS= 0



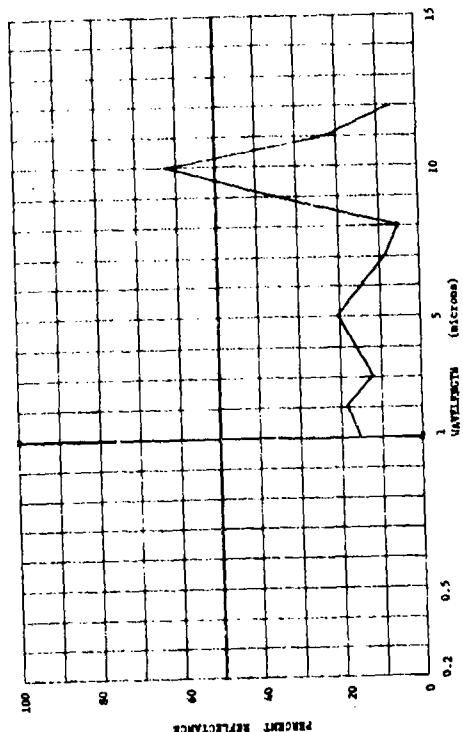
*B13501-070 Sillicone, Grey, On Cotton, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEO ECBBI CDC CED DFPA DMG ECCA ECCB ECCD
ECCF

PARAMETER INFORMATION
DATE= 55 TIME= 10:00
DAYS RE= 10-11-55
OBS= 11-11-55
TIME= 11:00
DEN PT= 1

LONG= 100-00-00
LAT= 33-00-00
WIND DI= 090
WIND SP= 10
N AVE= 1

ALT= 0
CLD= 0
RANGE= 0
TMR= 0
VIS= 0



CONFIDENTIAL

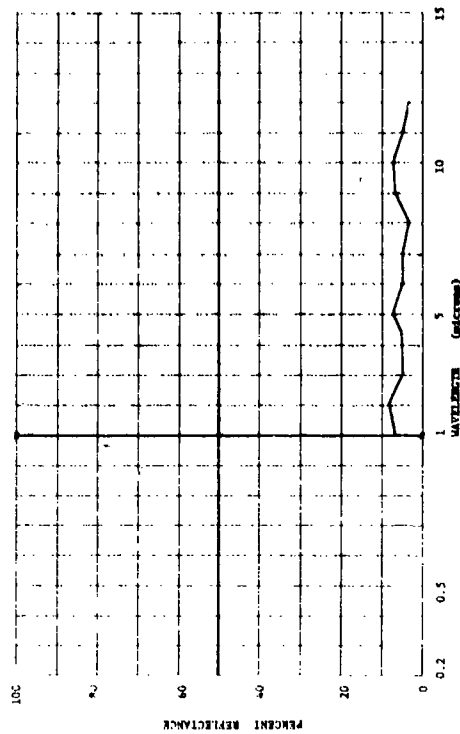
AEP
TARGET MATERIALS
Rubber

CONFIDENTIAL

ARP 1

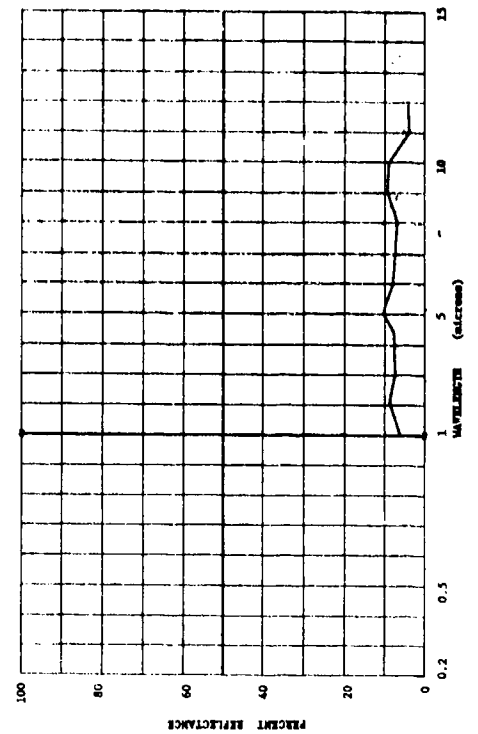
*B13501-032 Neoprene, Non-Specular Blue, On Nylon, Medium Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP ECRBA CXC CED DFPA DEG EGCA EGCC EGCD EGCE
EGCE
PARAMETER INFORMATION
DATE= 55 TIME= LAT= LONG= ALT= RANGE= 1000-1
DAYS RE= 12-12-58 CH= CAS= CLD= VIS= 715-
OBS= TTRP= VTRD DI= VTRD DI= 715-
TRP= DEN PT= 1



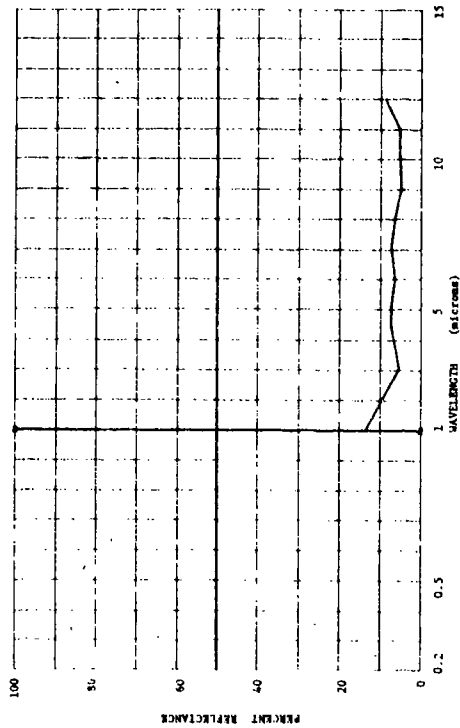
*B13501-034 Neoprene, Black, On Nylon, Coarse Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP ECRBA CXC CED DFPA DEG EGCA EGCC EGCD EGCE
EGCE
PARAMETER INFORMATION
DATE= 55 TIME= LAT= LONG= ALT= RANGE= 1000-1
DAYS RE= 12-12-58 CH= CAS= CLD= VIS= 715-
OBS= TTRP= VTRD DI= VTRD DI= 715-
TRP= DEN PT= 1



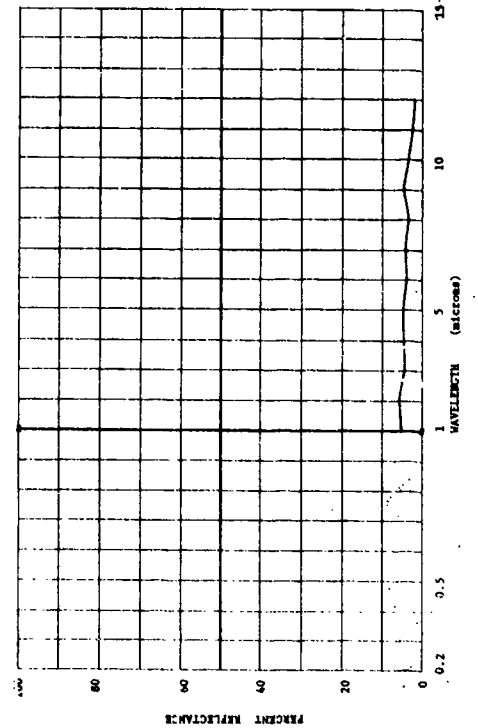
*B13501-050 Neoprene, Olive Drab, On Nylon, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP ECRBA CXC CED DFPA DEG EGCA EGCC EGCD EGCE
EGCE
PARAMETER INFORMATION
DATE= 55 TIME= LAT= LONG= ALT= RANGE= 1000-1
DAYS RE= 12-12-58 CH= CAS= CLD= VIS= 715-
OBS= TTRP= VTRD DI= VTRD DI= 715-
TRP= DEN PT= 1



*B13501-053 Neoprene, Black, On Nylon, Medium Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP ECRBA CXC CED DFPA DEG EGCA EGCC EGCD EGCE
EGCE
PARAMETER INFORMATION
DATE= 55 TIME= LAT= LONG= ALT= RANGE= 1000-1
DAYS RE= 12-12-58 CH= CAS= CLD= VIS= 715-
OBS= TTRP= VTRD DI= VTRD DI= 715-
TRP= DEN PT= 1



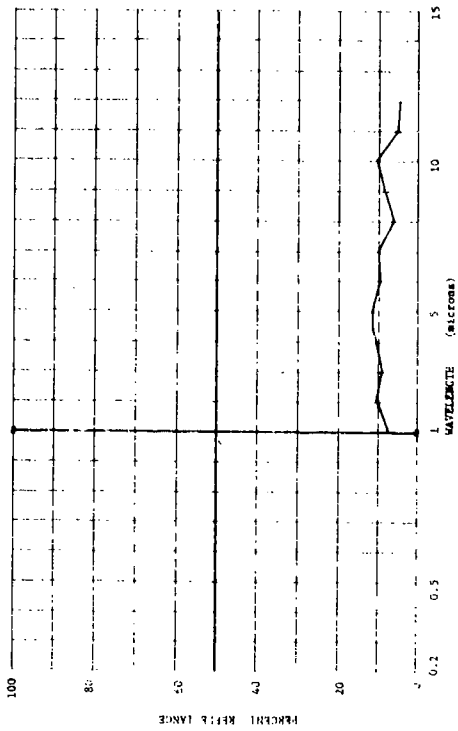
CONFIDENTIAL

CONFIDENTIAL

AEP 1

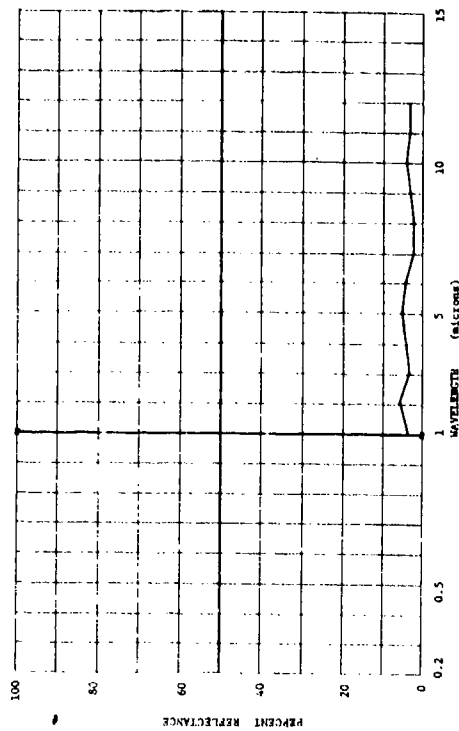
*B13501-055 Buna-N Blue, On Nylon, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP ECBAI CDC CED DFPA DAG ECCA EECB ECCC EECG
ECCG
PARAMETER INFORMATION
DATE= 55 TIME= LONG= ALT= RANGE= 1000- E
DAYS RE= 15- IN= CH= CAZ= 100- E
OBS= 10- WIND SP= WIND DI= CLD= VIS= 1000-
TEMP= DEN PT= 1



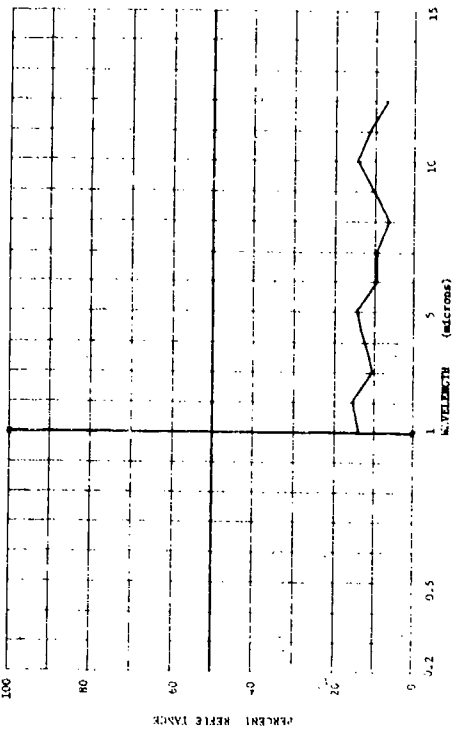
*B13501-056 GR-5, Olive Drab, On Nylon, Medium Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP ECBAI CDC CED DFPA DAG ECCA EECB ECCC EECG
ECCG
PARAMETER INFORMATION
DATE= 55 TIME= LONG= ALT= RANGE= 1000- E
DAYS RE= 15- IN= CH= CAZ= 100- E
OBS= 10- WIND SP= WIND DI= CLD= VIS= 1000-
TEMP= DEN PT= 1



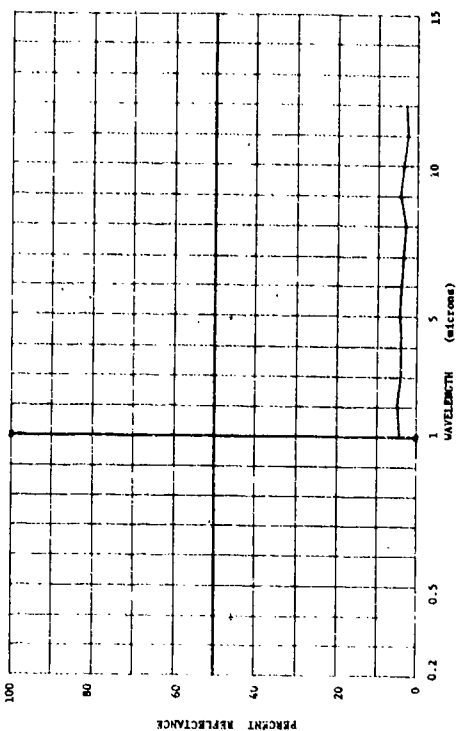
*B13501-055 Buna-N Blue, On Nylon, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP ECBAI CDC CED DFPA DAG ECCA EECB ECCC EECG
ECCG
PARAMETER INFORMATION
DATE= 55 TIME= LONG= ALT= RANGE= 1000- E
DAYS RE= 15- IN= CH= CAZ= 100- E
OBS= 10- WIND SP= WIND DI= CLD= VIS= 1000-
TEMP= DEN PT= 1



*B13501-057 Natural Rubber, Olive Drab, On Nylon, Medium Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP ECBAI CDC CED DFPA DAG ECCA EECB ECCC EECG
ECCG
PARAMETER INFORMATION
DATE= 55 TIME= LONG= ALT= RANGE= 1000- E
DAYS RE= 15- IN= CH= CAZ= 100- E
OBS= 10- WIND SP= WIND DI= CLD= VIS= 1000-
TEMP= DEN PT= 1



CONFIDENTIAL

CONFIDENTIAL

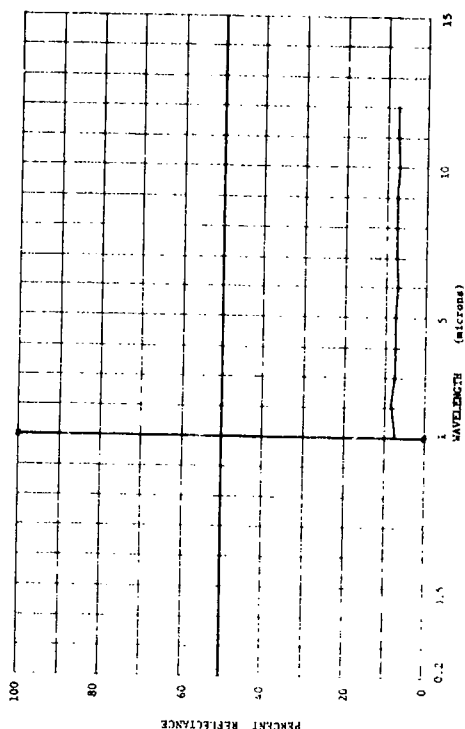
AEP 4

*813501-068 Neoprene, Black, On Balloon Cloth, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP EC881 CDC CED DFMA DKG ECCA ECCB ECCD
ECCE

PARAMETER INFORMATION
DATE= 55 TIME= 1800
DAYS RE= 1800
OBS= 1800
TEMP= DEN FT= 1
N AVE= 1

LONG= 1800
LAT= 1800
WIND DI= 1800
WIND SP= 1800
RANGE= 1800
IRB= E
VIS= 1800

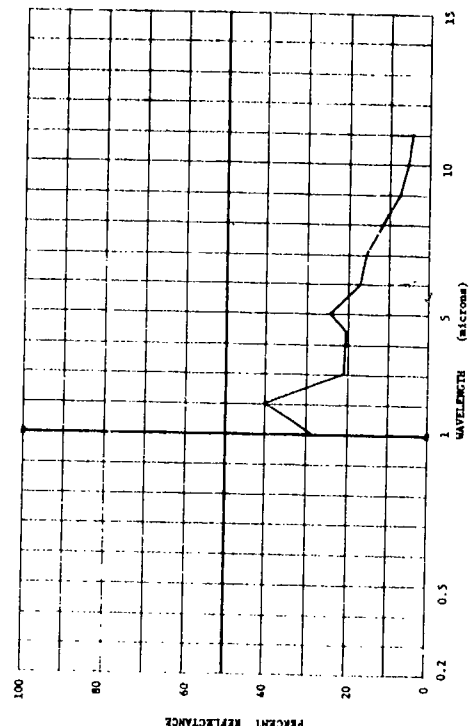


*813501-071 Vinyl, Green, On Glass Cloth, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP EC881 CDC CED DFMA DKG ECCA ECCB ECCD
ECCE

PARAMETER INFORMATION
DATE= 55 TIME= 1800
DAYS RE= 1800
OBS= 1800
TEMP= DEN FT= 1
N AVE= 1

LONG= 1800
LAT= 1800
WIND DI= 1800
WIND SP= 1800
RANGE= 1800
IRB= E
VIS= 1800

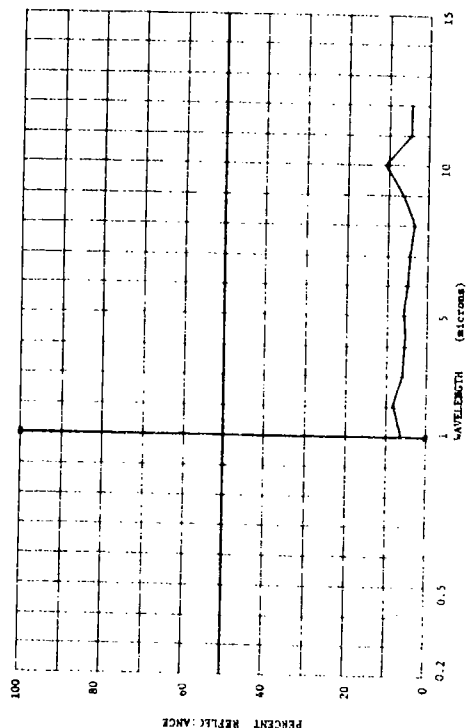


*813501-067 Neoprene, Black, On Airplane Cloth, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP EC881 CDC CED DFMA DKG ECCA ECCB ECCD
ECCE

PARAMETER INFORMATION
DATE= 55 TIME= 1800
DAYS RE= 1800
OBS= 1800
TEMP= DEN FT= 1
N AVE= 1

LONG= 1800
LAT= 1800
WIND DI= 1800
WIND SP= 1800
RANGE= 1800
IRB= E
VIS= 1800

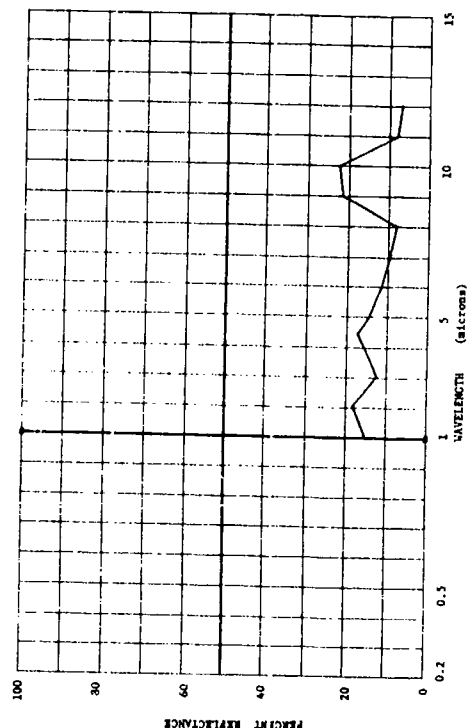


*813501-069 Butyl Rubber, Olive Drab, On Cotton, Fine Cloth Grain. (CONFIDENTIAL)

SUBJECT CODES
AEP EC881 CDC CED DFMA DKG ECCA ECCB ECCD
ECCE

PARAMETER INFORMATION
DATE= 31 TIME= 1800
DAYS RE= 1800
OBS= 1800
TEMP= DEN FT= 1
N AVE= 1

LONG= 1800
LAT= 1800
WIND DI= 1800
WIND SP= 1800
RANGE= 1800
IRB= E
VIS= 1800



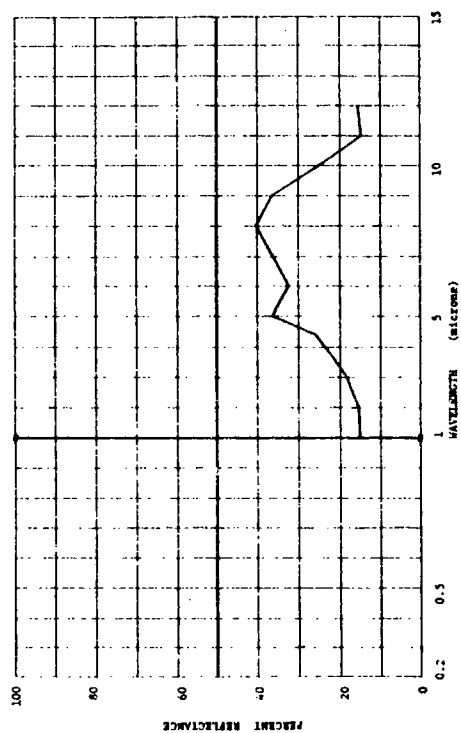
CONFIDENTIAL

CONFIDENTIAL

ARP 5

• B11501-089 Rubber Track Block, Black, Smooth. (CONFIDENTIAL)

SUBJECT CODES
ARP EGBL CMC CSD DEFA DSG EACA EGB EGGC EGCD
EGCE
PARAMETER INFORMATION
DATE- 55 TIME-
DAYS RP- 14-
OBS- TIME-
TIME- DMT FT-
LAT- LONG- ALT-
TAS- CR- CAL-
WIND SP- WIND DI- CLO-
S AVE- 1



CONFIDENTIAL

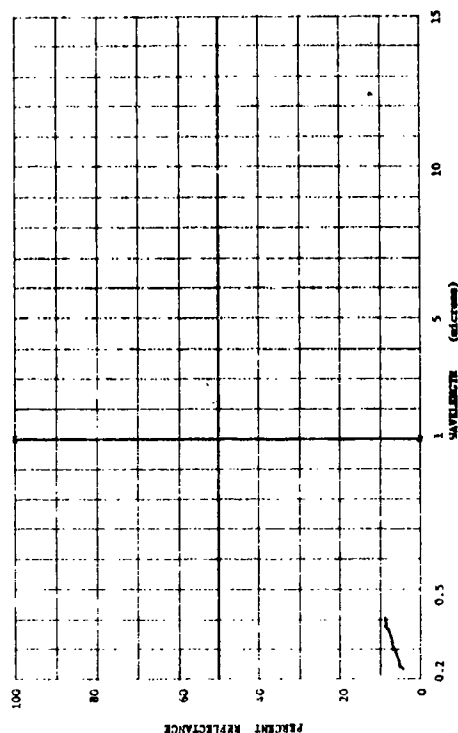
AEQ
TARGET MATERIALS
Tar

SECRET

ABQ 1

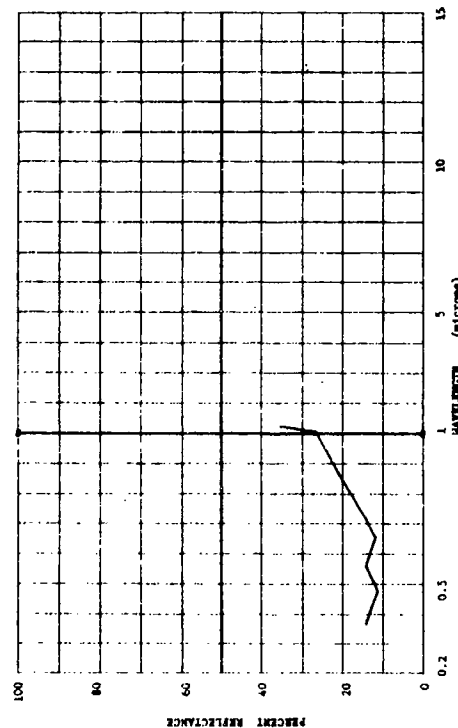
• B14004-010 Tar-Sand Surface. (CONFIDENTIAL)

SUBJECT CODES
ABQ BPCA CDC CED DPA DPC DE ECAD ECD
PARAMETER INFORMATION
DATE= 64 TIME= 1400
DAYS RE= 1400
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ALT= 1400
CLD= 1400
VIS= 1400
WIND DI= 1400
WIND SP= 1400
WIND PT= 1400



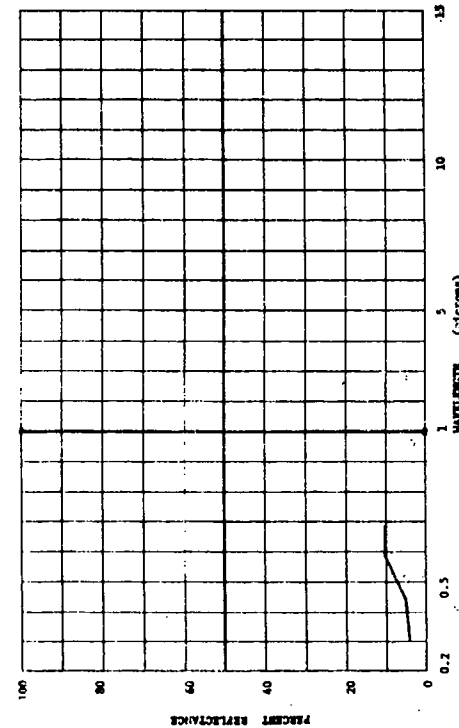
• B14004-003 Tar and Gravel, Dry. (SECRET)

SUBJECT CODES
ABQ BPCA CDC CED DPA DPC DE ECAD ECD
PARAMETER INFORMATION
DATE= 64 TIME= 1400
DAYS RE= 1400
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TEMP= 1400
LAT= 1400
LON= 1400
ALT= 1400
CLD= 1400
VIS= 1400
WIND DI= 1400
WIND SP= 1400
WIND PT= 1400



• B14004-056 Black Tar Road Bed. (CONFIDENTIAL)

SUBJECT CODES
ABQ BPCA CDC CED DPA DPC DE ECAD ECD
PARAMETER INFORMATION
DATE= 64 TIME= 1400
DAYS RE= 1400
ORST= 1400
TEMP= 1400
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ALT= 1400
CLD= 1400
VIS= 1400
WIND DI= 1400
WIND SP= 1400
WIND PT= 1400

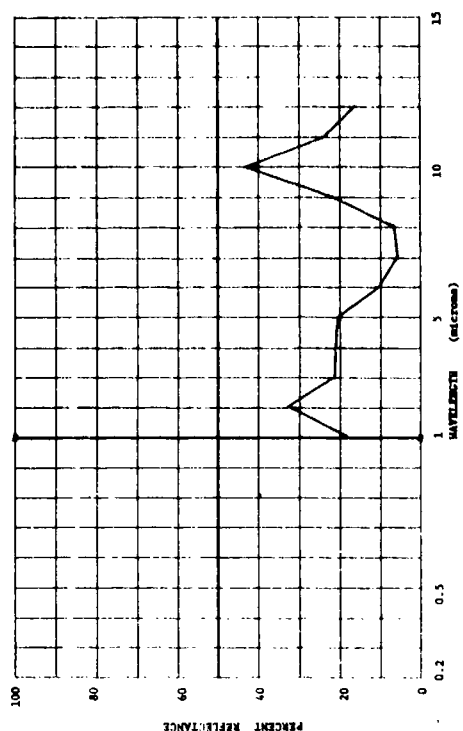


SECRET

AER
TARGET MATERIALS
File

SUBJECT CODES									
ALL	ECUMK	ATL	CDC	CED	DVAA	DGC	EOCA	EOCB	EOCC
ECOD	ECOI								

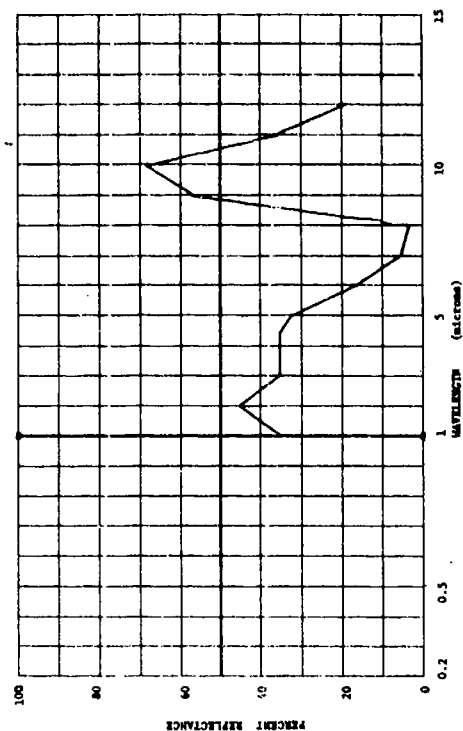
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DATE=	55				100= 1
DAYS=	RE	LA2=	CH=	CAS=	100= 1
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TIME=		DEB PT=	B AVG= 1		



SUBJECT CODES

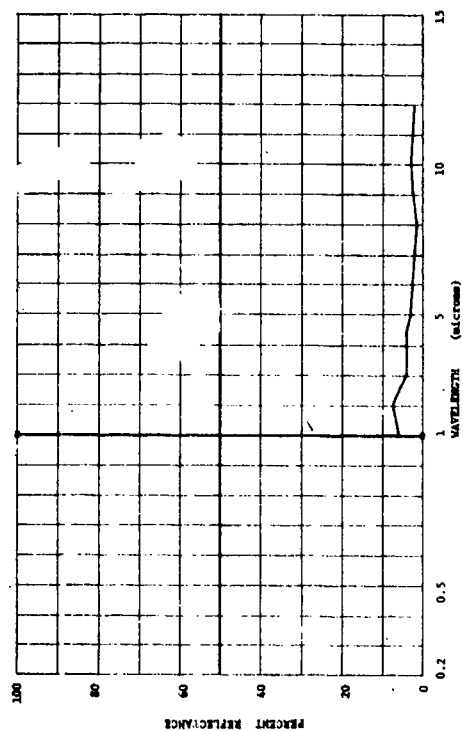
SUBJECT CODES	
ADR	PCRA
ATL	ATL
CDC	CDC
CRD	CRD
DVA	DVA
DEC	DEC
ECA	ECA
ICC	ICC
DOC	DOC

PARAMETER INFORMATION									
DATE=	SS	TIME=							
DATE=	11=								
DATE=	RE=								
DATE=	ORST=								
DATE=	TIME=								
DATE=	DEB PT=								
DATE=	WIND ST=								
DATE=	WIND DIR=								
DATE=	WIND CH=								
DATE=	WIND CL=								
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DATE=	WIND CR=								
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DATE=	WIND EK=								
DATE=	WIND EL=								
DATE=	WIND EM=								
DATE=	WIND EN=								
DATE=	WIND EO=								
DATE=	WIND EP=								
DATE=	WIND EQ=								



SUBJECT CODES		
AIR	ECHM	
ECCD	ECCC	

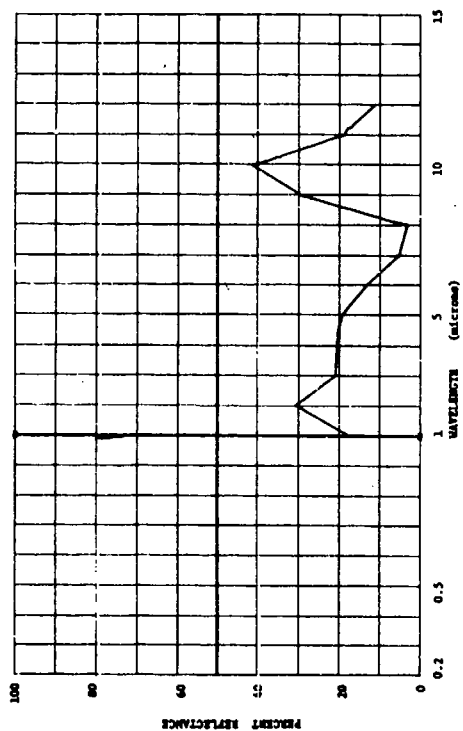
PARAMETER INFORMATION					
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NATS RE=	14=		LAZ=	CH=	IR= E
CST=		TIDE=	WIND SP=	WIND DI=	VIS=
TONG=		DEN FT=	M AVG= 1		
					ALT=
					CLZ=
					GLD=



SUBJECT CODES

	SUBJECT CODES	AFL	CDC	CED	DFAA	DEG	ECCA	ECCB	ECCC
APR	EC98L								

PARAMETER INFORMATION					
DATE=	SS	TIDE=	LAT=	LONG=	RANGE=
DAYS RE=	18-	18-	LAT=	CN=	INTER=
OBSI=	TTTTT=	TTTTT=	VIND SP=	VIND DI=	VIS=
TIME=	DEB PT=	DEB PT=	N AVG=	1	



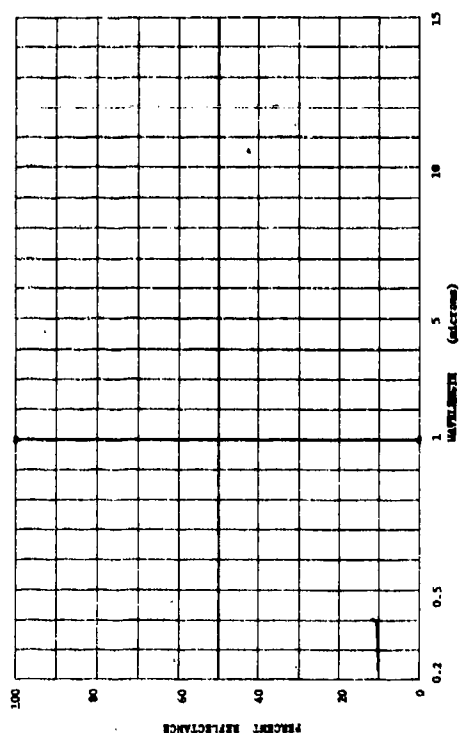
AET
TARGET MATERIALS
Wood

914004-099
Smorch Plywood. (CONFIDENTIAL)

CONFLICT OF INTEREST

ART CDC CDD DPM DPOD IN . DEAC DEAP

SOILS AND WATER

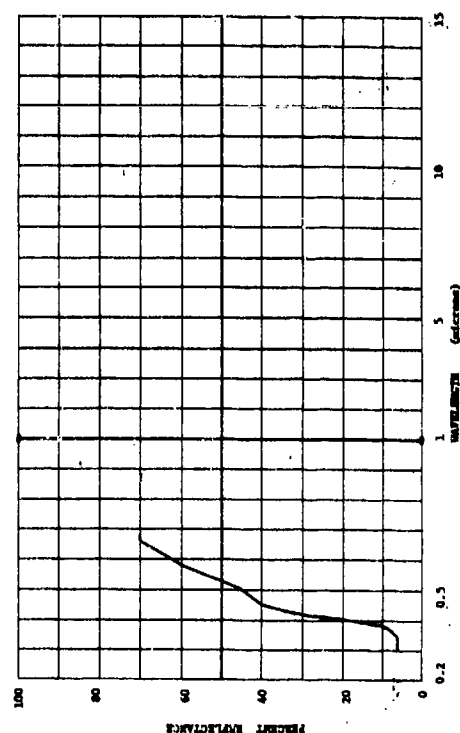
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• 816004-058
Ciena Speed. Wood. (COMM/INDUSTIAL)

SUBJECT CODES

[illegible]

PLAYERS: 10-12

[illegible]

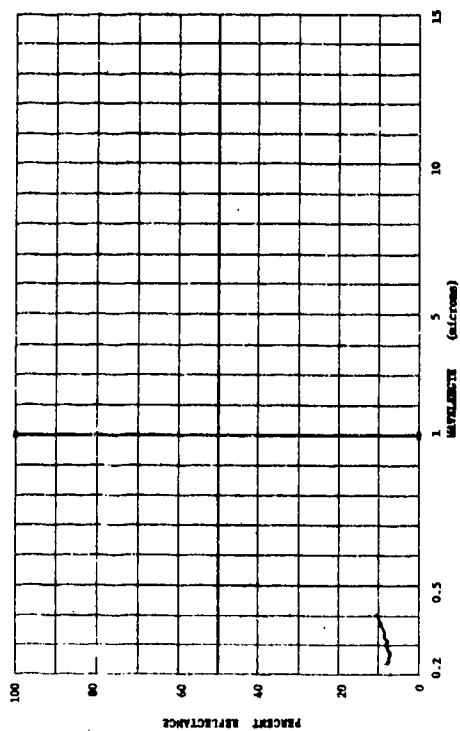
• B16004-008 Dirty Dry Plywood. (CONFIDENTIAL)

SUBJECT CODES

AFT ARI CDC CDD DPA DPCD IX MCAC MCAD

PARAMETER INFORMATION

DAYS	64	TDR=	LAT=	LONG=	AZ=	RANGE=
DAYS	18=	18=	LAT=	C=	CAL=	TR= E
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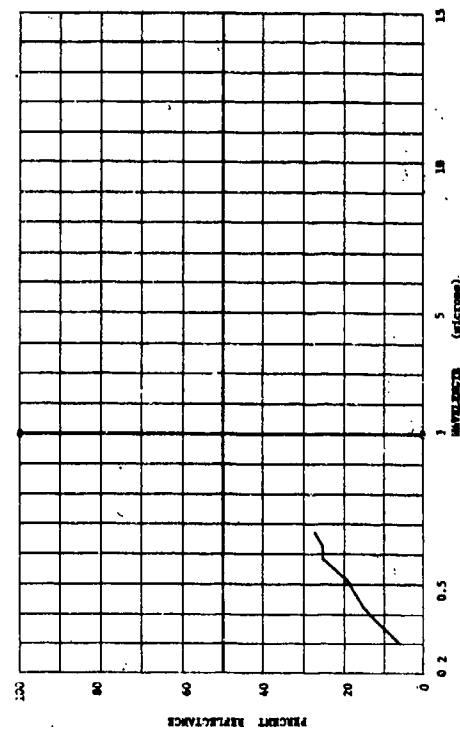


• 81-6004-057
Dirty Plywood. (CONFIDENTIAL)

SUBJECT CODES

[illegible]

ADDITIONAL INFORMATION

[illegible]

CONFIDENTIAL

AET 4

*31-004-000 Charcoal. (CONFIDENTIAL)

SUBJECT CODES

AET CD CED DFA DFCD DK EQAD ECR

PARAMETER INFORMATION

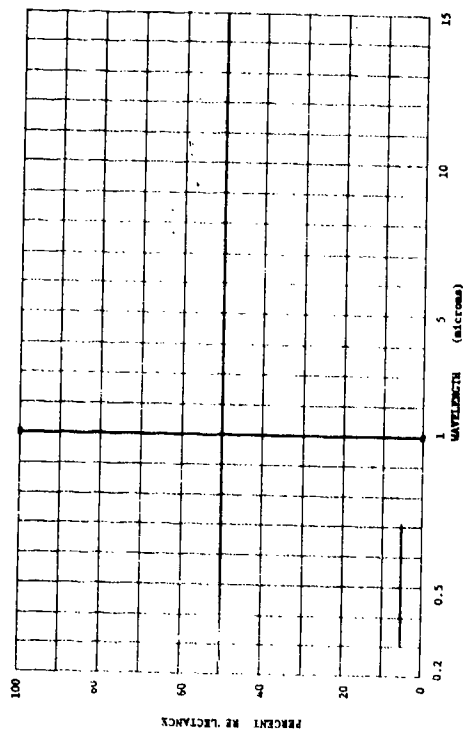
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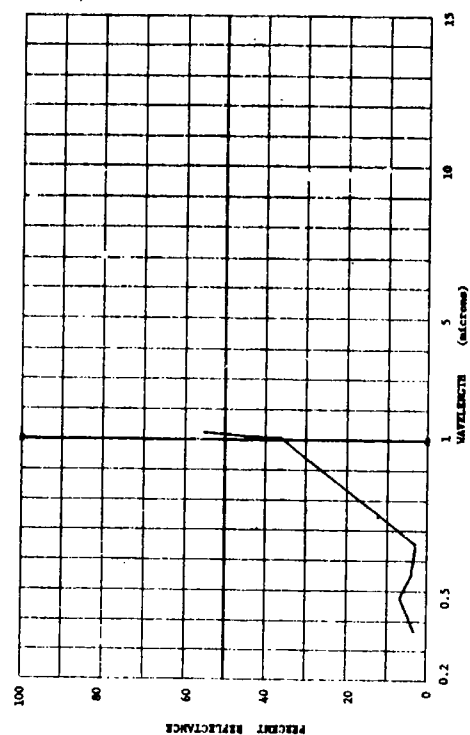
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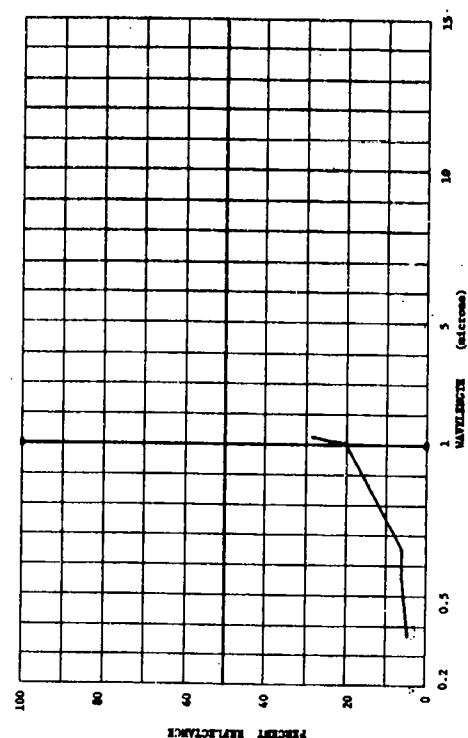
CONFIDENTIAL

BF
BACKGROUNDS
Soil

BF 1

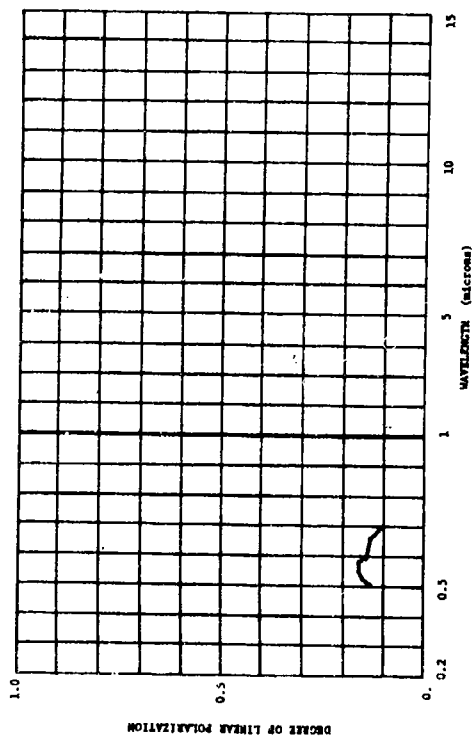
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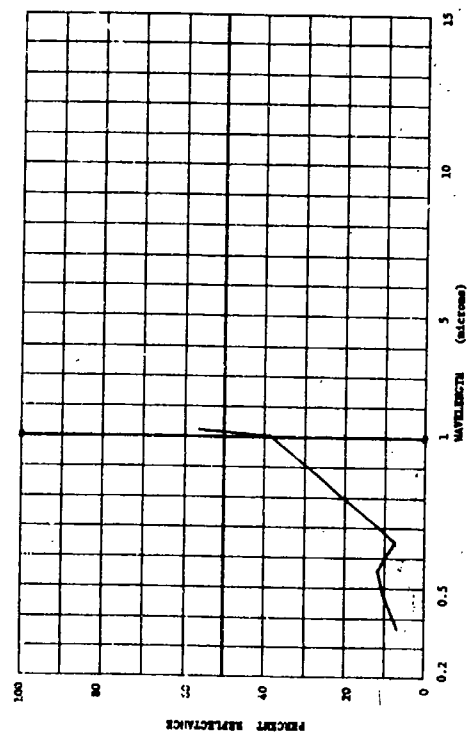
27 DECEMBER 1957

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TEND:	DST:	M AVE:	S:	CID:	VIS-



SUBJECT CODES							
BY	ECOMC	CD	CED	DFA	DPC	DK	ECAD EDS EGCA
						/	

PARAMETER INFORMATION					
DATE=	TIME=	LAT=	LONG=	ALT=	RANGE=
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SECRET

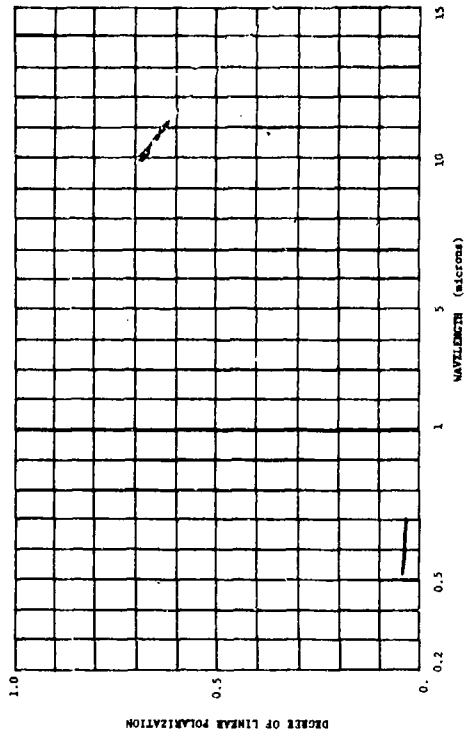
SECRET

BF 2

*B13844-009 Dry Sand. (CONFIDENTIAL)

SUBJECT CODES
BFCA BFCB CFC CN DDBC DLF ECB

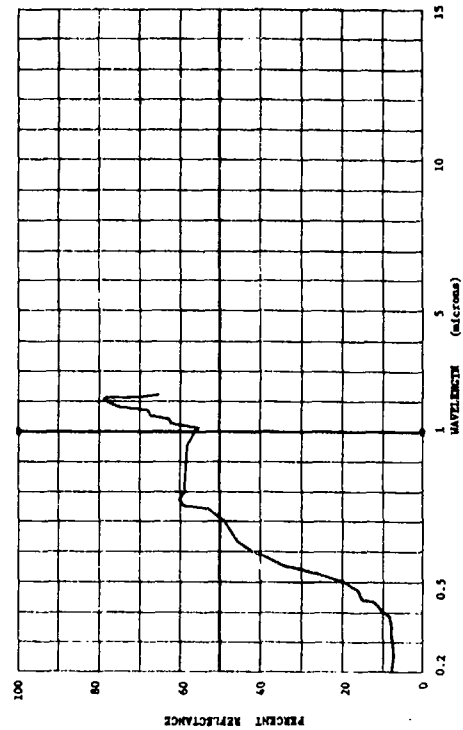
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OBS= 1000 WIND SP= 10
TEMP= 100 WIND DI= 10
DEM FT= 100 N AVE= 1



*B13844-002 Yellow Sand. (CONFIDENTIAL)

SUBJECT CODES
BFCA BFCB CFC CN DDBC DLF ECB

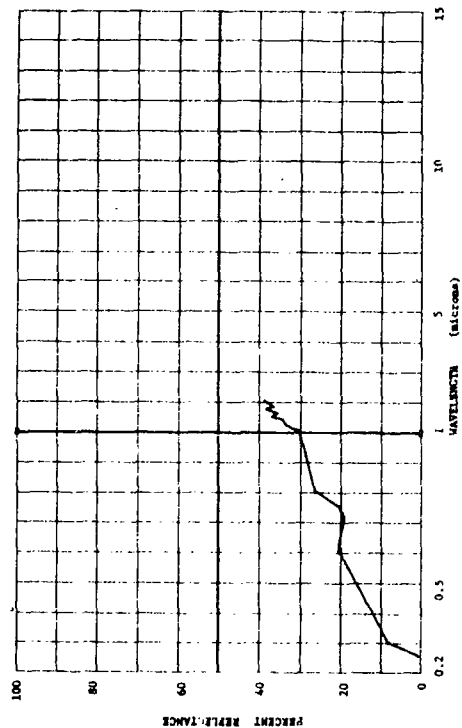
PARAMETER INFORMATION
DATE= 62 TIME= 1400
DAYS= 01 IN= 10
OBS= 1000 WIND SP= 10
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DEM FT= 100 N AVE= 1



*B13844-010 Red Desert Soil. (SECRET)

SUBJECT CODES
BFCA BFCB CFC CN DDBC DLF ECB

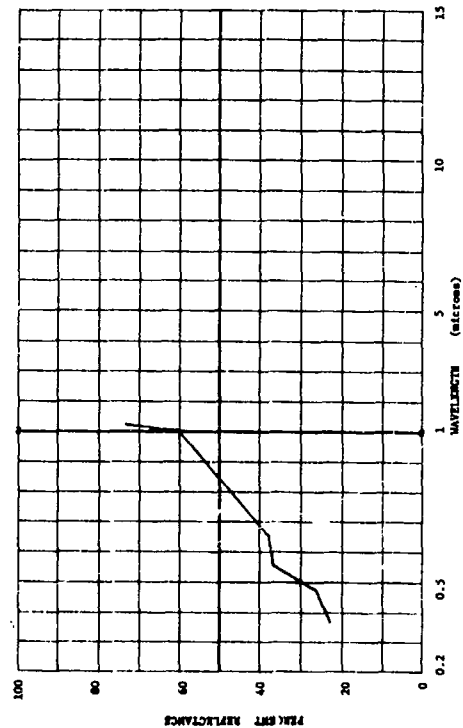
PARAMETER INFORMATION
DATE= 62 TIME= 1400
DAYS= 01 IN= 10
OBS= 1000 WIND SP= 10
TEMP= 100 WIND DI= 10
DEM FT= 100 N AVE= 1



*B13844-010 Light Yellow Beach Sand, Dry. (SECRET)

SUBJECT CODES
BFCA BFCB CFC CN DDBC DLF ECB

PARAMETER INFORMATION
DATE= 62 TIME= 1400
DAYS= 01 IN= 10
OBS= 1000 WIND SP= 10
TEMP= 100 WIND DI= 10
DEM FT= 100 N AVE= 1



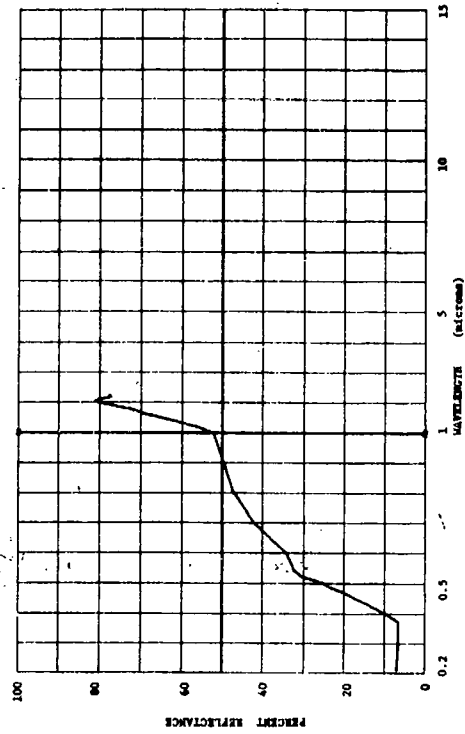
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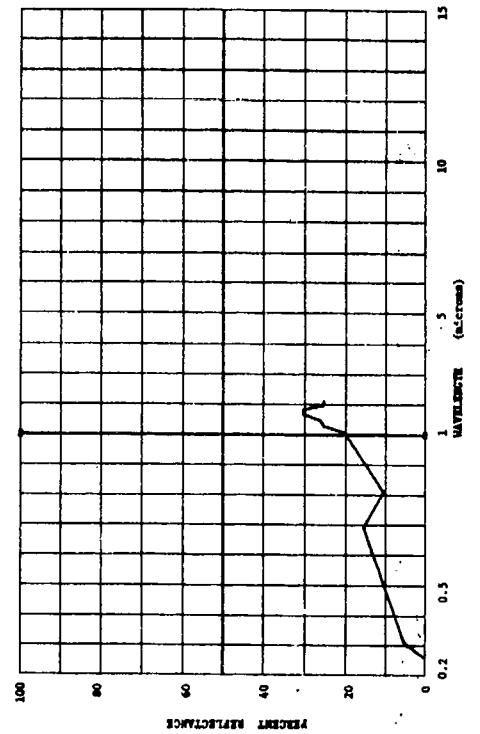
* 814004-088 Yellow Sand Stone. (CONFIDENTIAL)

SUBJECT CODES
BPCA ECBL CDC DPA DPCD DE ECAC ECAD ECH
ECCA ECEB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE RE- 12-
OBS- 12-
TIME- 12-
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LAT-
LON-
CAS-
CLD-
WIND DI-
WIND SP-
P AVE- 1
RANGE-
120- 2
VIS-
120- 2



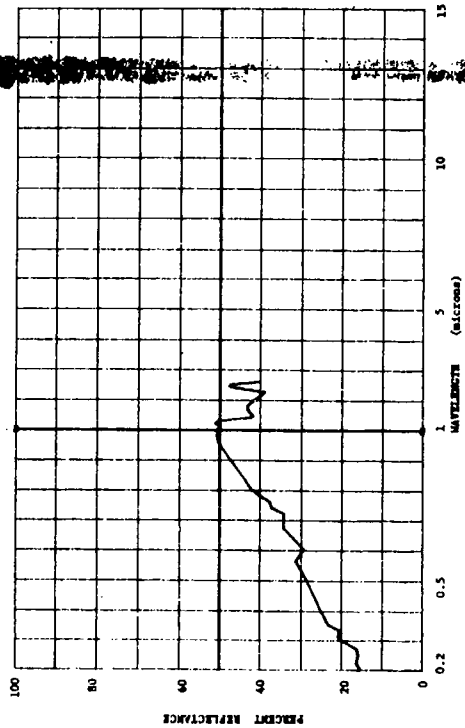
* 813946-034 Sandy Loam. (SECRET)

SUBJECT CODES
BPCA CD CDC DPA DPCD DE ECAC ECAD ECH
ECCA ECEB
PARAMETER INFORMATION
DATE- 62 TIME-
DATE RE- 12-
OBS- 12-
TIME- 12-
DOW PT- 1
LAT-
LON-
CAS-
CLD-
WIND DI-
WIND SP-
P AVE- 1
RANGE-
120- 2
VIS-
120- 2



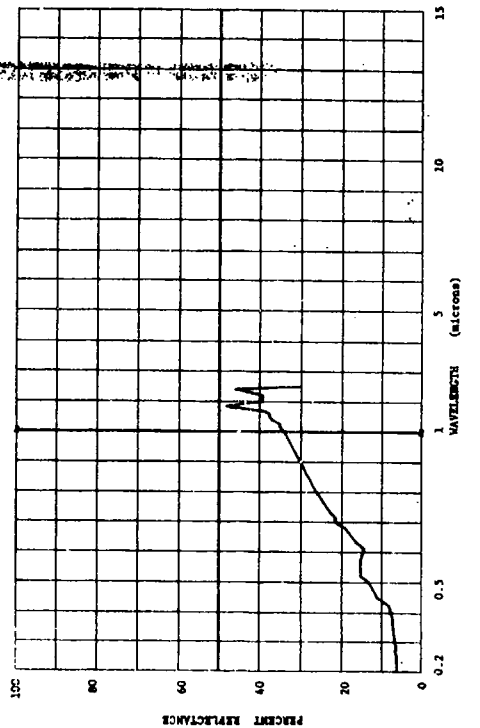
* 814004-083 White Sand. (CONFIDENTIAL)

SUBJECT CODES
BPCA ECBL CDC DPA DPCD DE ECAC ECAD ECH
ECCA ECEB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE RE- 12-
OBS- 12-
TIME- 12-
DOW PT- 1
LAT-
LON-
CAS-
CLD-
WIND DI-
WIND SP-
P AVE- 1
RANGE-
120- 2
VIS-
120- 2



* 814004-081 Black Sandy Dirt. (CONFIDENTIAL)

SUBJECT CODES
BPCA ECBL CDC DPA DPCD DE ECAC ECAD ECH
ECCA ECEB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE RE- 12-
OBS- 12-
TIME- 12-
DOW PT- 1
LAT-
LON-
CAS-
CLD-
WIND DI-
WIND SP-
P AVE- 1
RANGE-
120- 2
VIS-
120- 2



SECRET

SECRET

BF 4

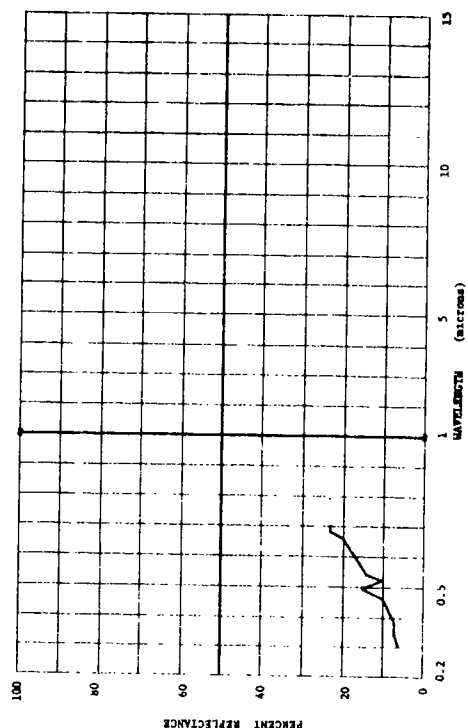
* 314004-002 Sandy Beach. (CONFIDENTIAL)

SUBJECT CODES

BPFC CD CLD DPA DPC DE ECAD ECH

PARAMETER INFORMATION
DATE= 64 TIME= 10
DAYS RE= 10
OBS= 10
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LONG= 10
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CH= 10
WIND SP= 10
WIND DI= 10
WAVE PT= 10



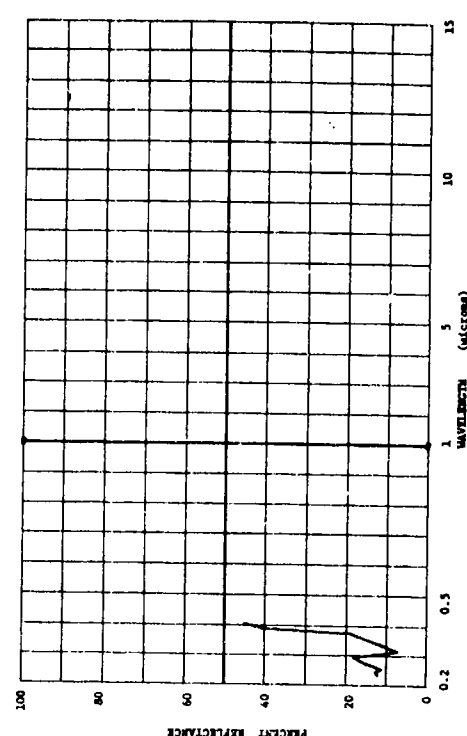
* 314004-012 Dry White Coral. (CONFIDENTIAL)

SUBJECT CODES

BPFC CD CLD DPA DPC DE ECAD ECH

PARAMETER INFORMATION
DATE= 64 TIME= 10
DAYS RE= 10
OBS= 10
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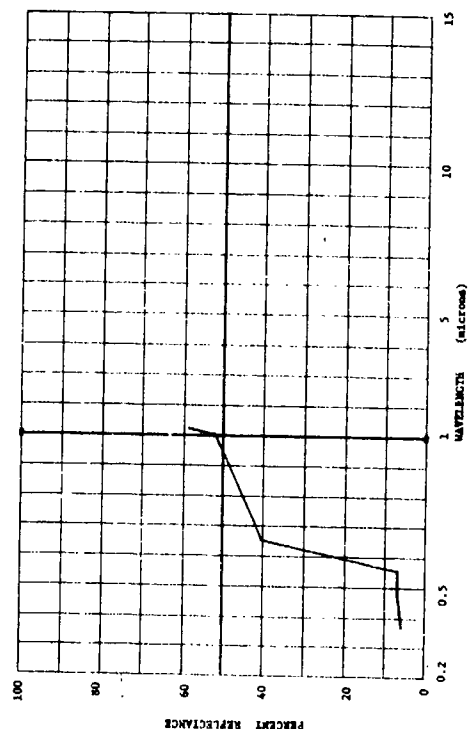
* 314004-015 Red Clay Soil, Dry. (SECRET)

SUBJECT CODES

BPFC ECHB CD CLD DPA DPC DE ECAD ECH

PARAMETER INFORMATION
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DAYS RE= 10
OBS= 10
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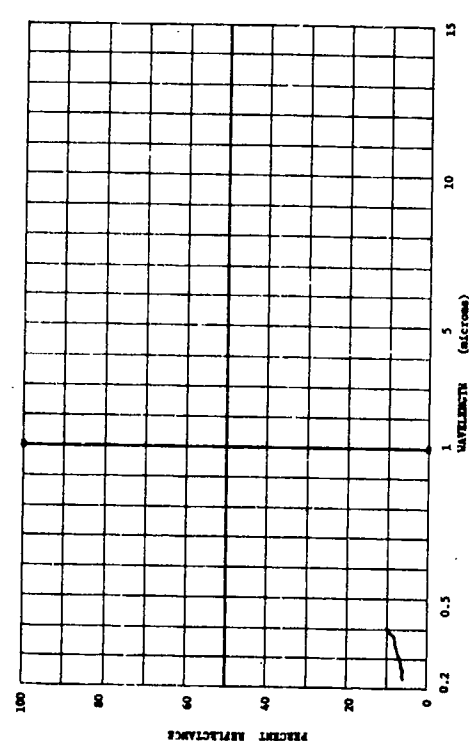
* 314004-011 Light Colored Sandy Beach. (CONFIDENTIAL)

SUBJECT CODES

BPFC CD CLD DPA DPC DE ECAD ECH

PARAMETER INFORMATION
DATE= 64 TIME= 10
DAYS RE= 10
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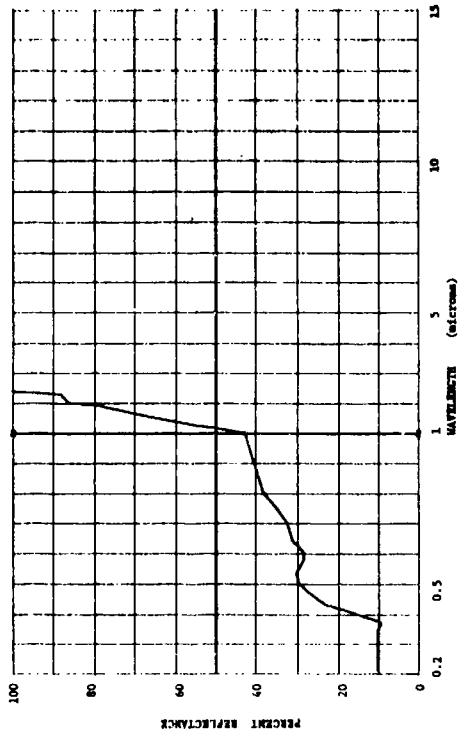
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CONFIDENTIAL

BP 1

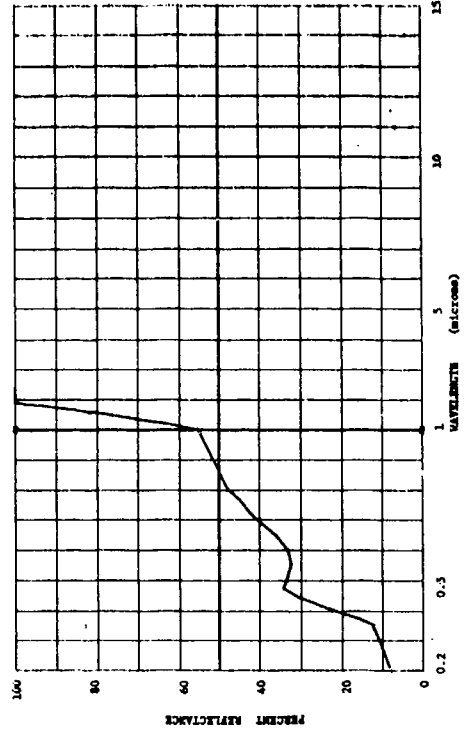
• B14004-085 Uranium Ore. (CONFIDENTIAL)

SUBJECT CODES
BPM CXC CDD DPA DPC DK ECAC ECAD ECE ECCA
ECCB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE- 13- TIME-
OBS- TIME-
TIME- DMI PT-
LAT- LONG-
LAP- CR- ALT-
WIND SP- WIND DI- CAS-
H AVE- 1 WTB- E
VLS- VLS-



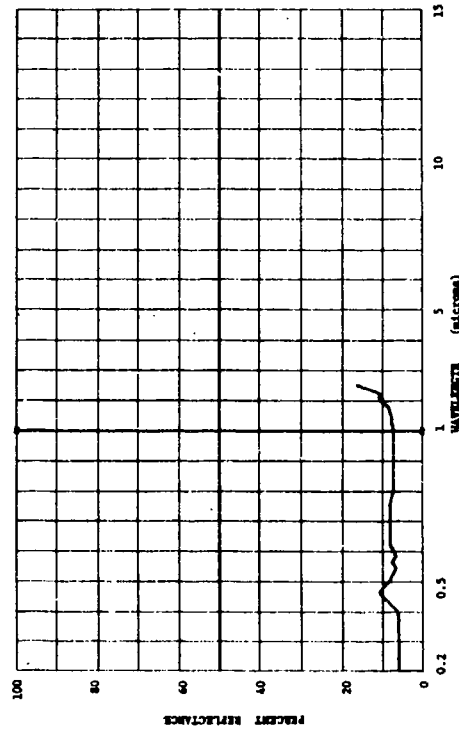
• B14004-087 Limestone. (CONFIDENTIAL)

SUBJECT CODES
BPM CXC CDD DPA DPC DK ECAC ECAD ECE ECCA
ECCB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE- 13- TIME-
OBS- TIME-
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H AVE- 1 WTB- E
VLS- VLS-



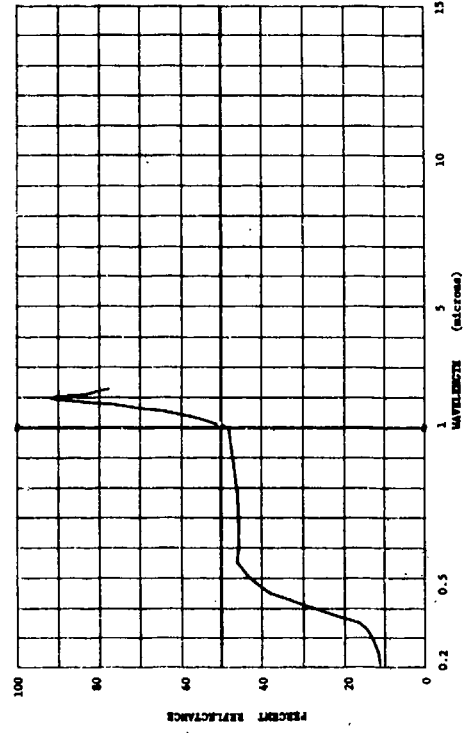
• B14004-086 Lava. (CONFIDENTIAL)

SUBJECT CODES
BPM CXC CDD DPA DPC DK ECAC ECAD ECE ECCA
ECCB
PARAMETER INFORMATION
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TIME- DMI PT-
LAT- LONG-
LAP- CR- ALT-
WIND SP- WIND DI- CAS-
H AVE- 1 WTB- E
VLS- VLS-



• B14004-086 Shale. (CONFIDENTIAL)

SUBJECT CODES
BPM CXC CDD DPA DPC DK ECAC ECAD ECE ECCA
ECCB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE- 13- TIME-
OBS- TIME-
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WIND SP- WIND DI- CAS-
H AVE- 1 WTB- E
VLS- VLS-



CONFIDENTIAL

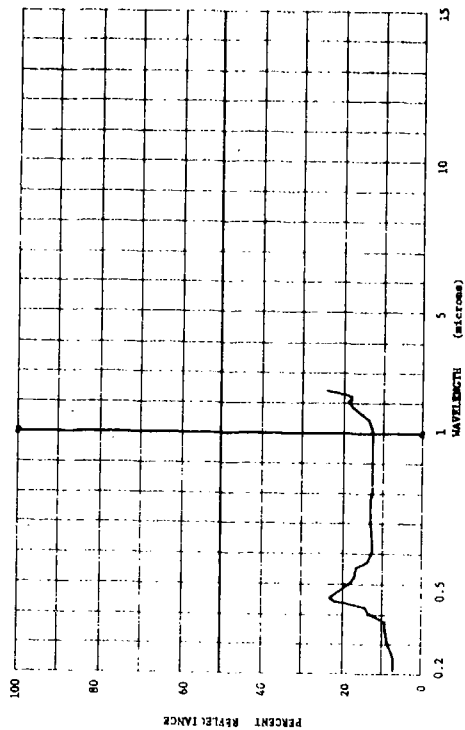
CONFIDENTIAL

BF 6

* B14004-091 Result. (CONFIDENTIAL)

SUBJECT CODES
BPN CDC CED DFA DFCD DK ECAC ECAD ECB ECCA
ECCB

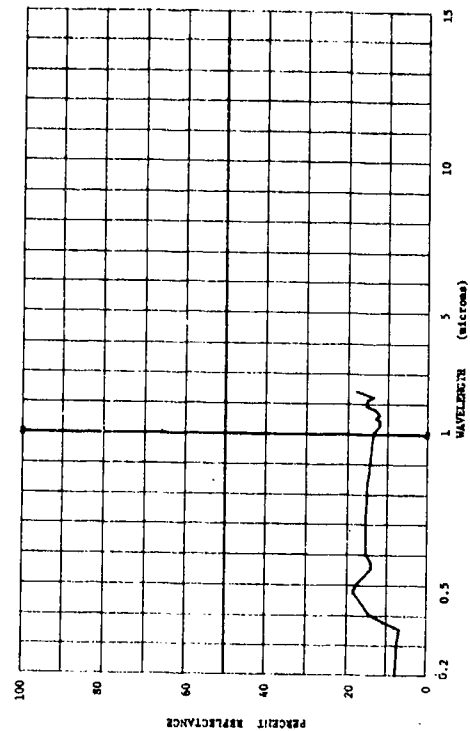
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* B14004-093 Gray Feldspar. (CONFIDENTIAL)

SUBJECT CODES
BPN ECCB CDC CED DFA DFCD DK ECAC ECAD ECB
ECCB

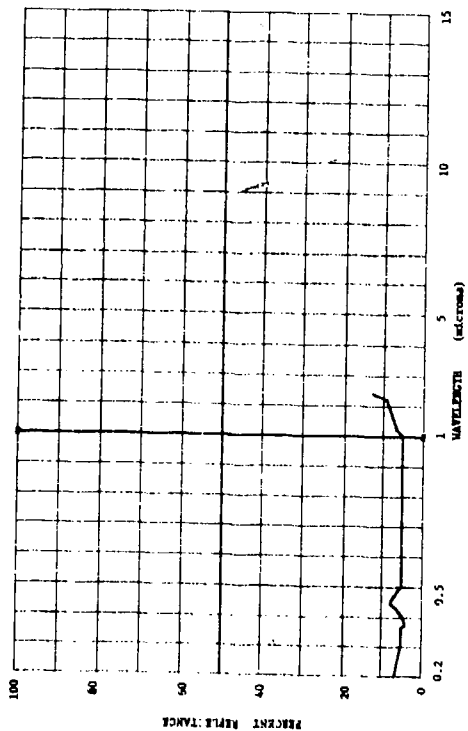
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DAYS RE= 15 CH= CH= CAZ= 1000 E
ONST= 1000 TTRP= WIND DI= CLD= VIS= 1000
TEMP= DBP FT= DBP FT= M AVE= 1



* B14004-099 Slag. (CONFIDENTIAL)

SUBJECT CODES
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ECCB

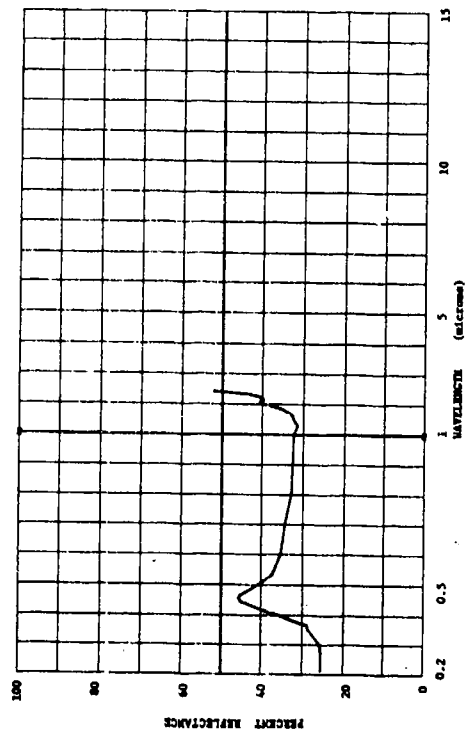
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TEMP= DBP FT= DBP FT= M AVE= 1



* B14004-092 Graphite. (CONFIDENTIAL)

SUBJECT CODES
BPN CDC CED DFA DFCD DK ECAC ECAD ECB ECCA
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PARAMETER INFORMATION
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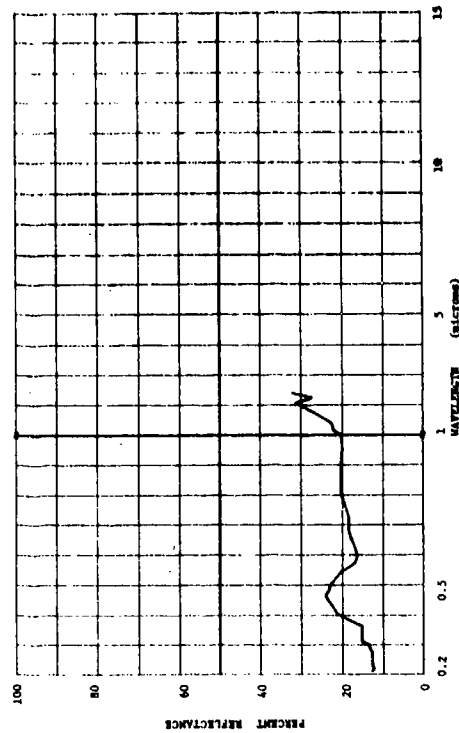
CONFIDENTIAL

CONFIDENTIAL

DP 1

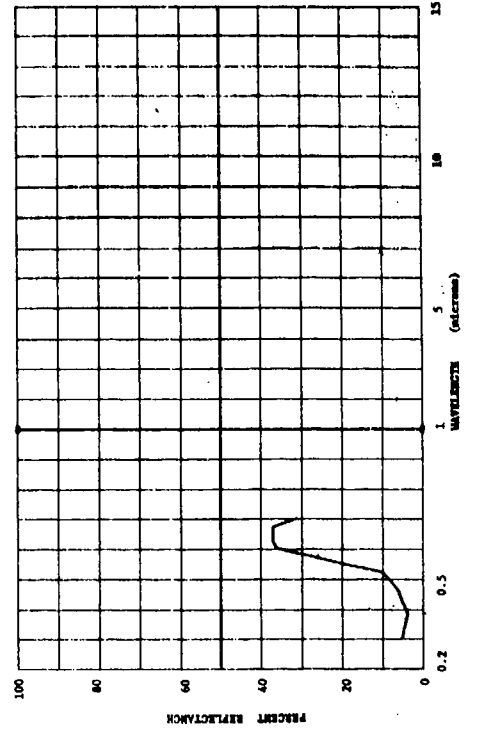
• 814004-095 Potash Granite. (CONFIDENTIAL)

SUBJECT CODES
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ECCS
PARAMETER INFORMATION
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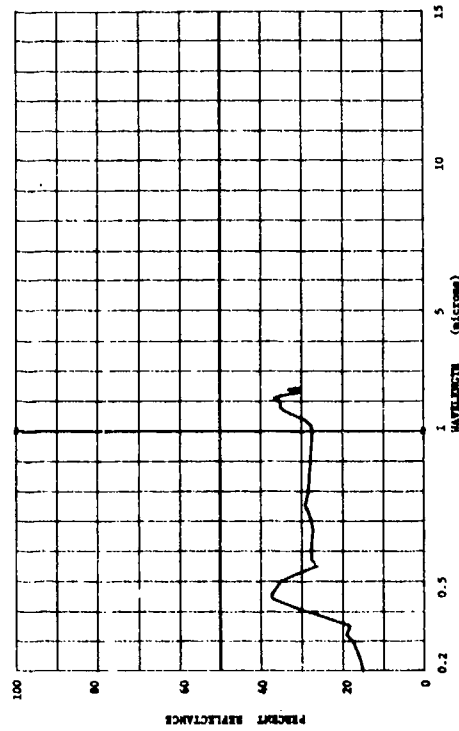
• 814004-061 Yellow Sandstone Clay. (CONFIDENTIAL)

SUBJECT CODES
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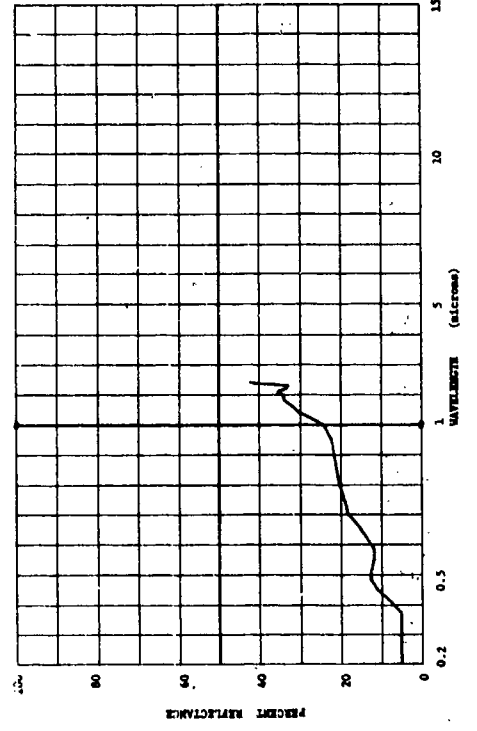
• 814004-094 Marble. (CONFIDENTIAL)

SUBJECT CODES
SIN CSC CED DVA DPCD DE ECAC ECAD ECS ECCA
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• 814004-096 Flint. (CONFIDENTIAL)

SUBJECT CODES
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CONFIDENTIAL

CONFIDENTIAL

• M14004-090 Red Sandstone. (CONFIDENTIAL.)

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ECFA	ECBB								

DATE	64	TIME
DAYS	RE	IN

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 2. **Title**
 3. **Journal**
 4. **Volume**
 5. **Issue**
 6. **Page(s)**
 7. **Year**
 8. **DOI**
 9. **URL**
 10. **Accession Number**
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 12. **Abstract**
 13. **Notes**
 14. **References**
 15. **Comments**
 16. **History**
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 18. **Full Text**
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 22. **Search**
 23. **Help**
 24. **Feedback**
 25. **Privacy Policy**
 26. **Terms of Use**
 27. **Contact Us**
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 207. **Privacy Policy**
 208. **Terms of Use**
 209. **Contact Us**
 210. **Site Map**
 211. **FAQ**
 212. **Help**
 213. **Feedback**
 214. **Privacy Policy**
 215. **Terms of Use**
 216. **Contact Us**
 217. **Site Map**
 218. **FAQ**
 219. **Help**
 220. **Feedback**
 221. **Privacy Policy**
 222. **Terms of Use**
 223. **Contact Us**
 224. **Site Map**
 225. **FAQ**
 226. **Help**
 227. **Feedback**
 228. **Privacy Policy**
 229. **Terms of Use**
 230. **Contact Us**
 231. **Site Map**
 232. **FAQ**
 233. **Help**
 234. **Feedback**
 235. **Privacy Policy**
 236. **Terms of Use**
 237. **Contact Us**
 238. **Site Map**
 239. **FAQ**
 240. **Help**
 241. **Feedback**
 242. **Privacy Policy**
 243. **Terms of Use**
 244. **Contact Us**
 245. **Site Map**
 246. **FAQ**
 247. **Help**
 248. **Feedback**
 249. **Privacy Policy**
 250. **Terms of Use**
 251. **Contact Us**
 252. **Site Map**
 253. **FAQ**
 254. **Help**

[illegible]

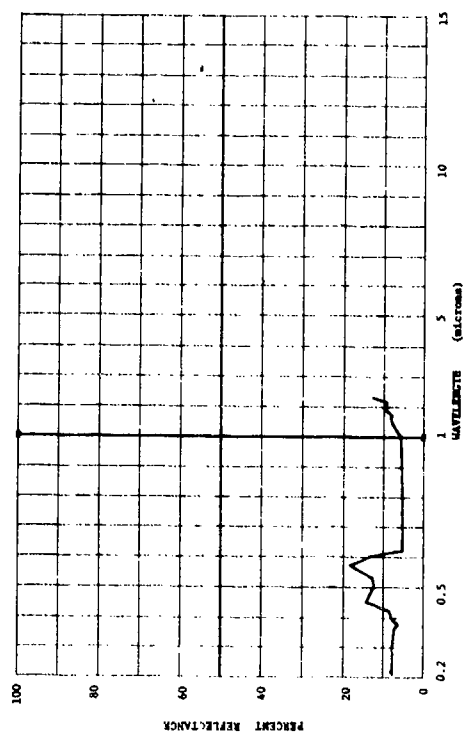
100

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0.2 0.5

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1



BG
BACKGROUNDS
Vegetation

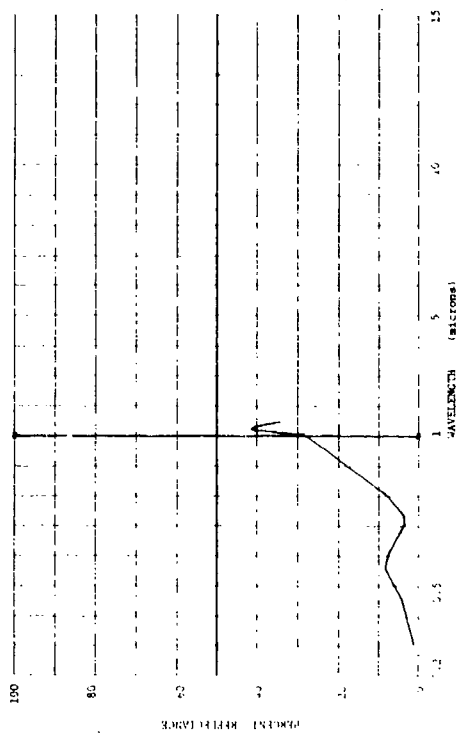
SECRET

BG 2

• 813946-027 Fresh Green Grass, Thick. (SECRET)

SUBJECT CODES
BGC ECBB CD CEC DFA DFCE DE ECAD ECE ECCA

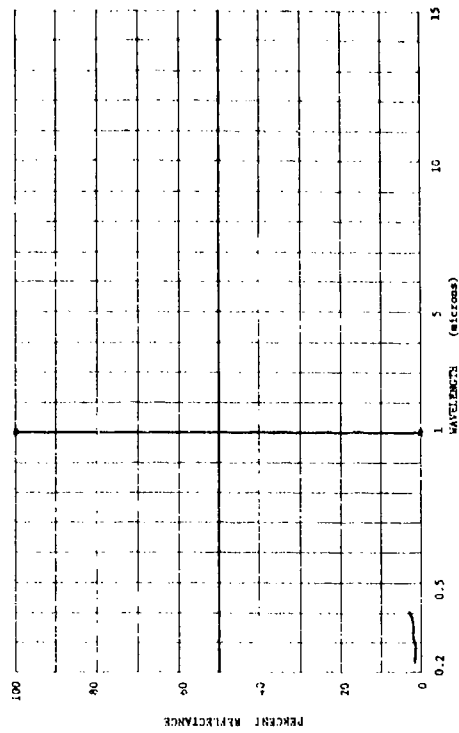
PARAMETER INFORMATION
DATE= 62 TIME= LAT= LONG= ALT= RANGE= 100
DAYS RE= 13- IAS= CM= CAZ= 18- E
OBS= TEMP= WIND SP= WIND DI= CLD= VIS= 1
TDR= DEN FT= N AVE= 1



• 813946-014 Dead Dry Needs. (CONFIDENTIAL)

SUBJECT CODES
BGC BGF CEC UED DFA DFCE DK ECAD ECE

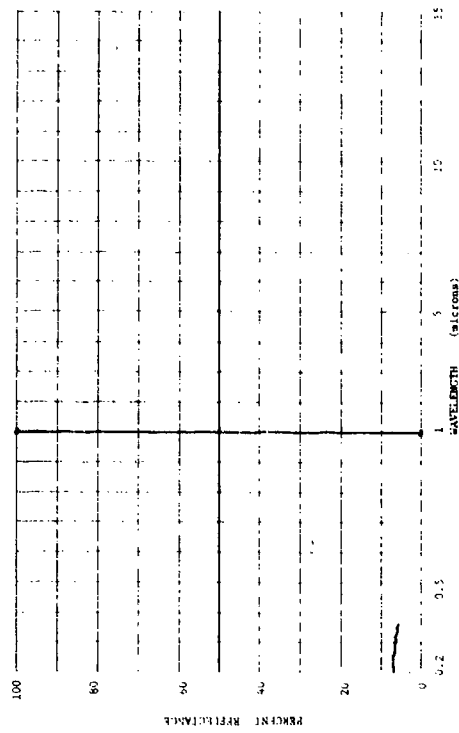
PARAMETER INFORMATION
DATE= 64 TIME= LAT= LONG= ALT= RANGE= 100
DAYS RE= 13- IAS= CM= CAZ= 18- E
OBS= TEMP= WIND SP= WIND DI= CLD= VIS= 1
TDR= DEN FT= N AVE= 1



• 813946-025 Fresh Grass. (SECRET)

SUBJECT CODES
BGC CDC CED DFA DFCE DK ECAD ECE ECCA

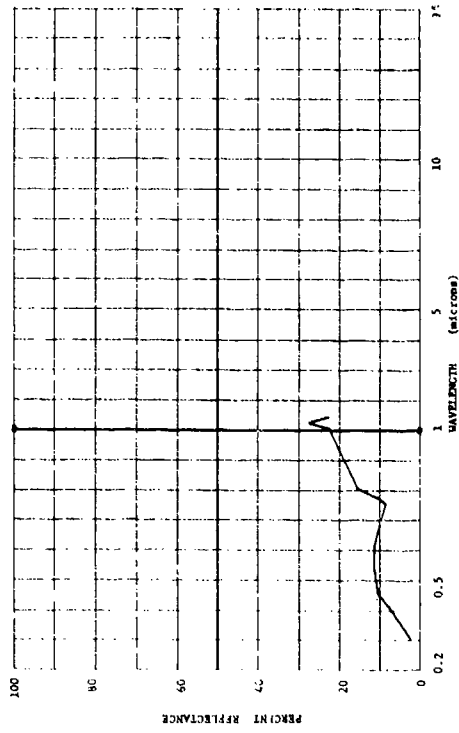
PARAMETER INFORMATION
DATE= 64 TIME= LAT= LONG= ALT= RANGE= 100
DAYS RE= 13- IAS= CM= CAZ= 18- E
OBS= TEMP= WIND SP= WIND DI= CLD= VIS= 1
TDR= DEN FT= N AVE= 1



• 813946-029 Live Ranch Grass, Thin. (SECRET)

SUBJECT CODES
BGC CD CEC DFA DFCE DK ECAD ECE ECCA

PARAMETER INFORMATION
DATE= 62 TIME= LAT= LONG= ALT= RANGE= 100
DAYS RE= 13- IAS= CM= CAZ= 18- E
OBS= TEMP= WIND SP= WIND DI= CLD= VIS= 1
TDR= DEN FT= N AVE= 1



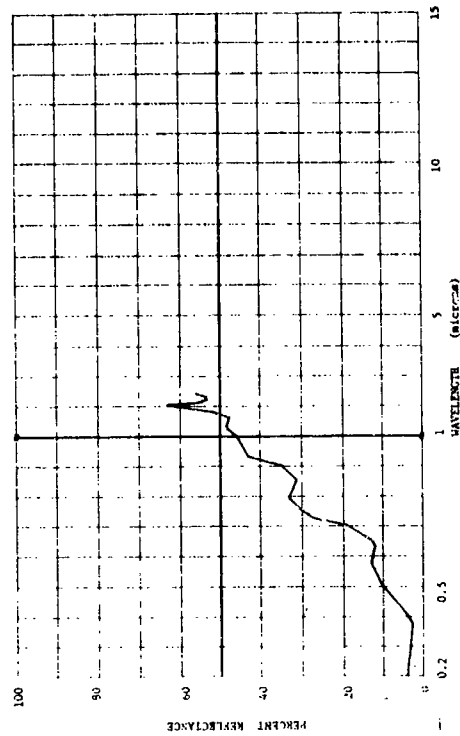
SECRET

CONFIDENTIAL

BO 3

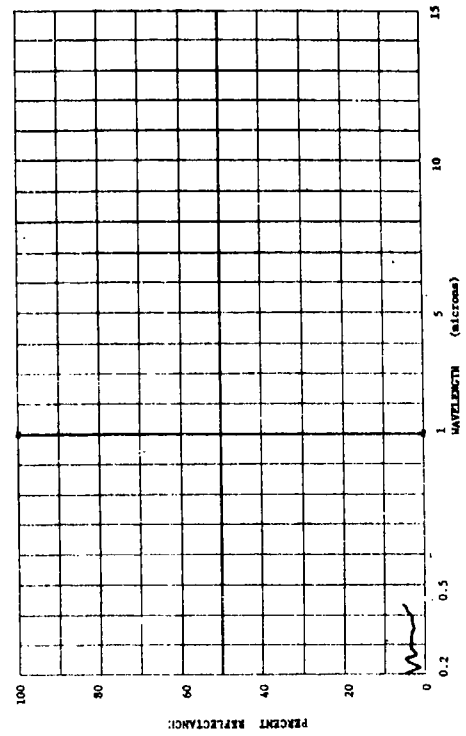
*B14004-102 Rice Plant, 3 Days After Picking. (CONFIDENTIAL)

SUBJECT CODES
B0000 B07 CDC CED DFA DFCD DK E000 E00 E01
E000 E000
PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 3 IN= 1000
OBS= 1000
TEMP= 1000
WIND SP= 1000
WIND DIR= 1000
WIND ST= 1000
WIND PT= 1000
WIND E= 1000
WIND S= 1000
WIND V= 1000



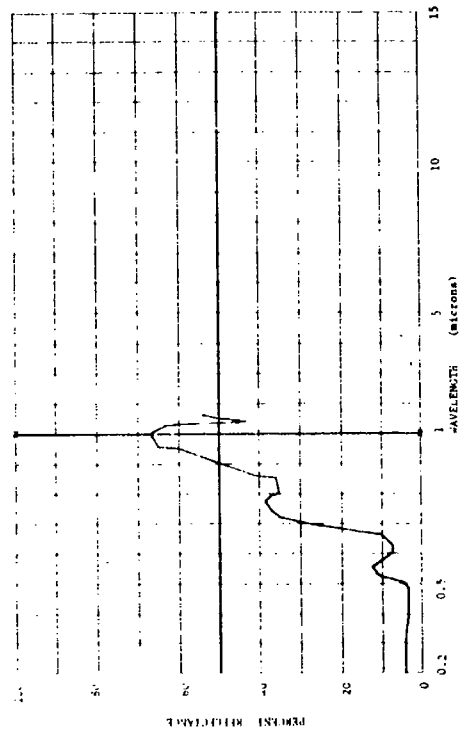
*B14004-053 Rice Plant Leaf, 2 Days After Picking. (CONFIDENTIAL)

SUBJECT CODES
B0000 B07 CDC CED DFA DFCD DK E000 E00 E01
E000 E000
PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 2 IN= 1000
OBS= 1000
TEMP= 1000
WIND SP= 1000
WIND DIR= 1000
WIND ST= 1000
WIND PT= 1000
WIND E= 1000
WIND S= 1000
WIND V= 1000



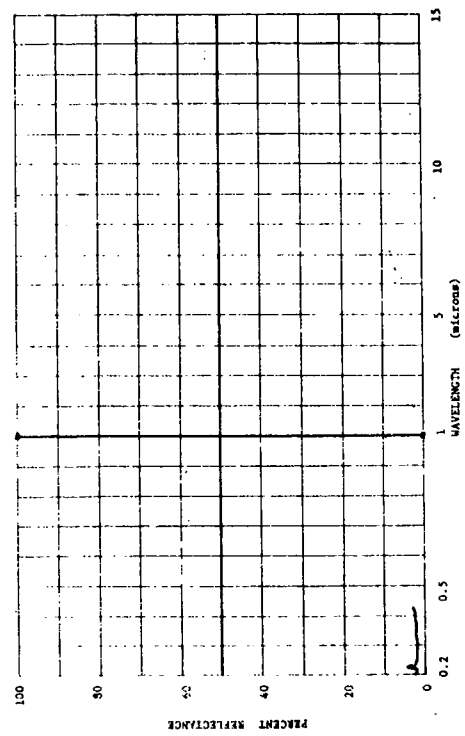
*B14004-048 Rice Plant, 2 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES
B0000 B07 CDC CED DFA DFCD DK E000 E00 E01
E000 E000
PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 2 IN= 1000
OBS= 1000
TEMP= 1000
WIND SP= 1000
WIND DIR= 1000
WIND ST= 1000
WIND PT= 1000
WIND E= 1000
WIND S= 1000
WIND V= 1000



*B14004-048 Rice Plant Leaf, 2 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES
B0000 B07 CDC CED DFA DFCD DK E000 E00 E01
E000 E000
PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 2 IN= 1000
OBS= 1000
TEMP= 1000
WIND SP= 1000
WIND DIR= 1000
WIND ST= 1000
WIND PT= 1000
WIND E= 1000
WIND S= 1000
WIND V= 1000



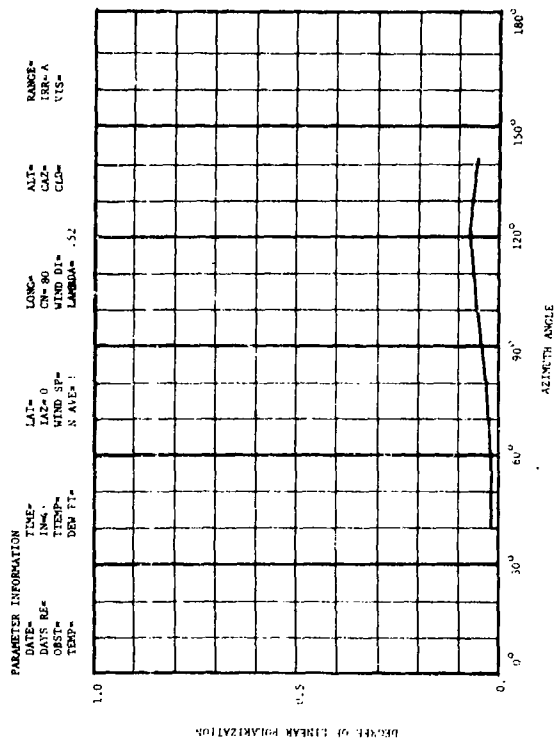
CONFIDENTIAL

CONFIDENTIAL

BG 4

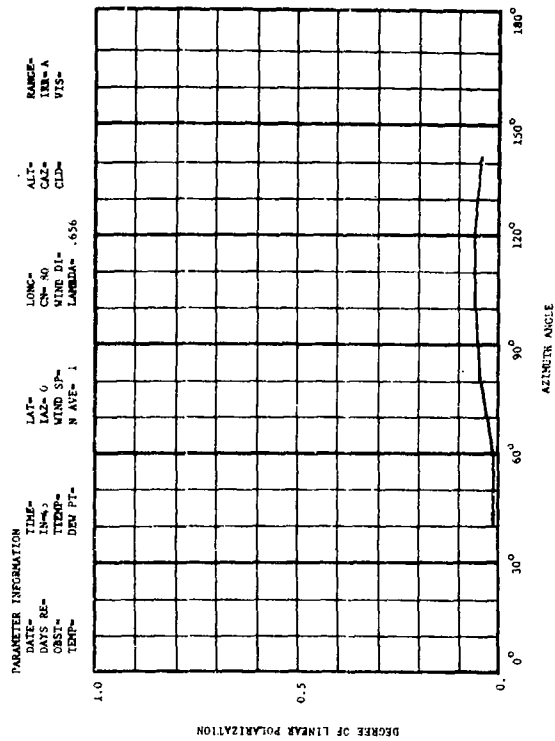
*813864-010 Summit Alfalfa Field. (CONFIDENTIAL)

SUBJECT CODES
BGCRA CEC CN DQBC FGE DLF EGB



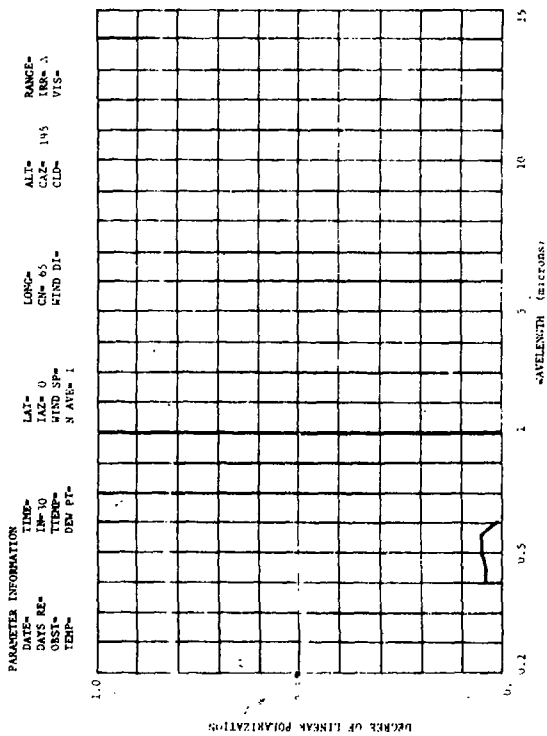
*813864-012 Summit Alfalfa Field. (CONFIDENTIAL)

SUBJECT CODES
BGCRA CEC CN DQBC FGE DLF EGB



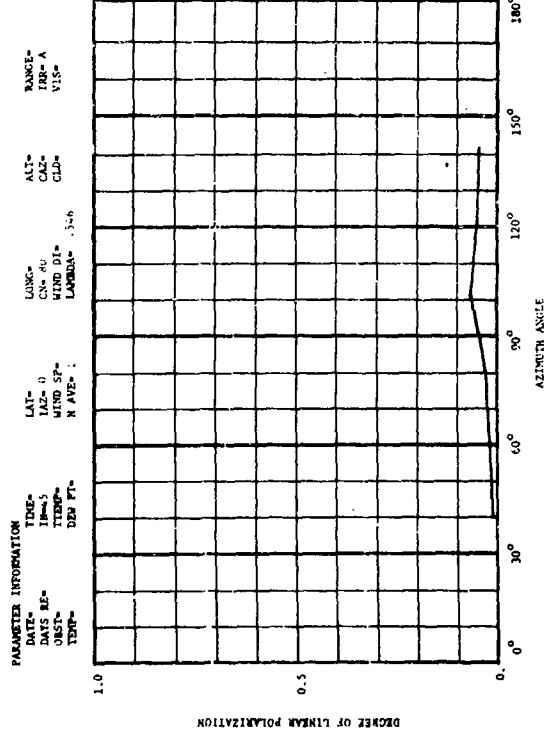
*813864-007 Alfalfa Field (Green). (CONFIDENTIAL)

SUBJECT CODES
BGCRA EGBB CEC CN DQBC FGE DLF EGB



*813864-011 Summit Alfalfa Field. (CONFIDENTIAL)

SUBJECT CODES
BGCRA CEC CN DQBC FGE DLF EGB

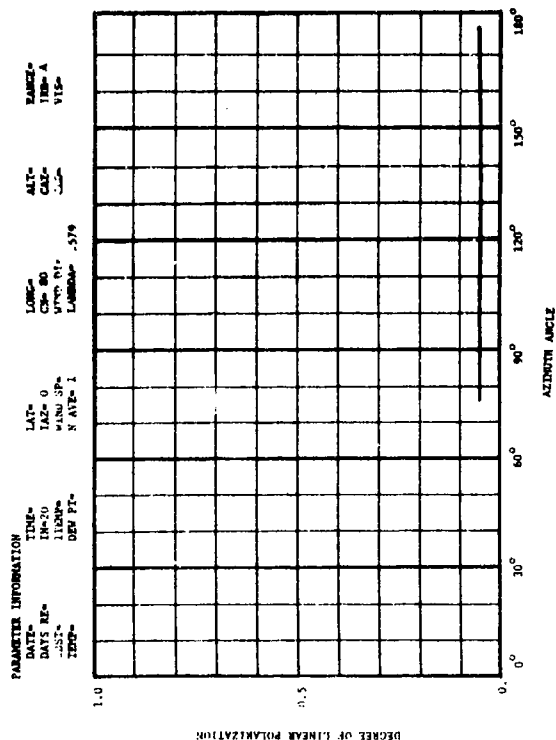


CONFIDENTIAL

CONFIDENTIAL

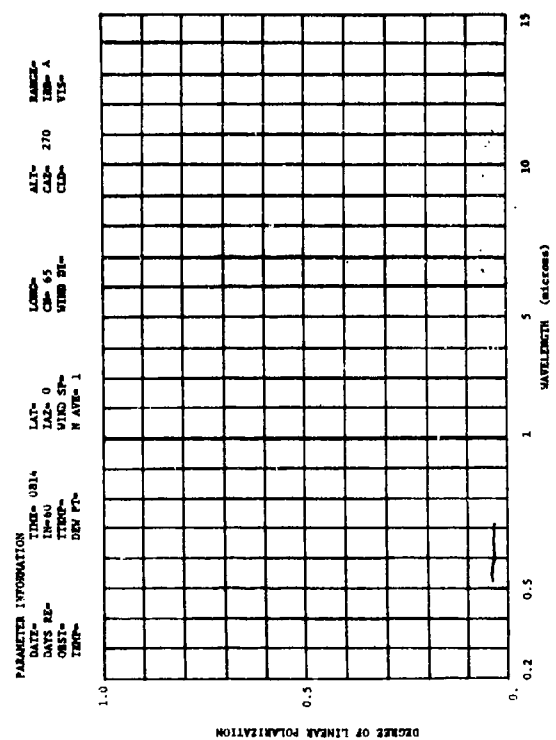
*813864-014 Sunlit Alifan Field. (CONFIDENTIAL)

SUBJECT CODES
MCCRA CEC CN DMC PCE DLF ECH



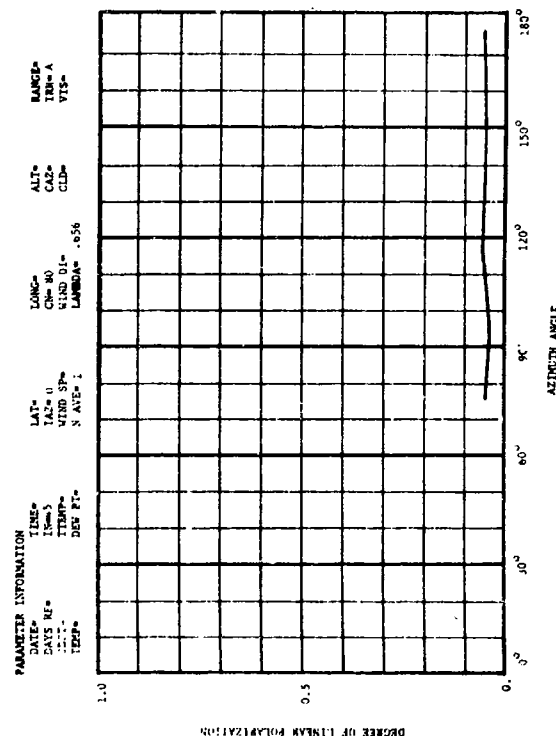
*813864-016 Sunlit Alifan Field. (CONFIDENTIAL)

SUBJECT CODES
MCCRA CEC CN DMC PCE DLF ECH



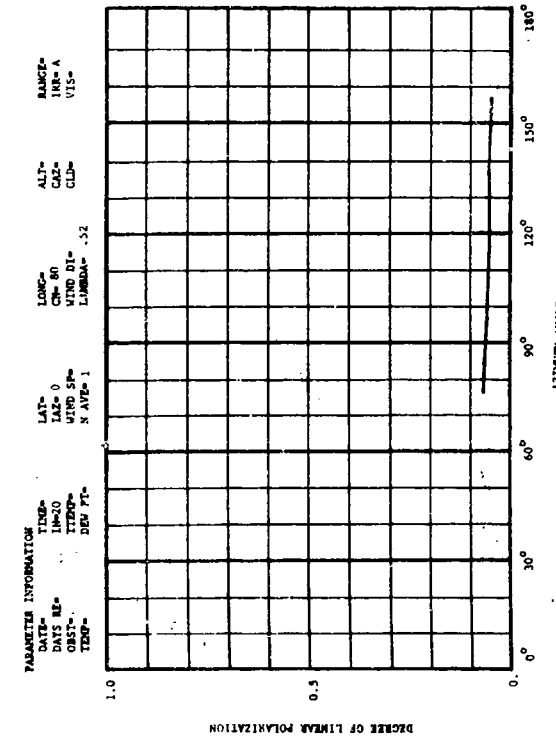
*813864-013 Sunlit Alifan Field. (CONFIDENTIAL)

SUBJECT CODES
MCCRA CEC CN DMC PCE DLF ECH



*813864-015 Sunlit Alifan Field. (CONFIDENTIAL)

SUBJECT CODES
MCCRA CEC CN DMC PCE DLF ECH



CONFIDENTIAL

CONFIDENTIAL

BG 6

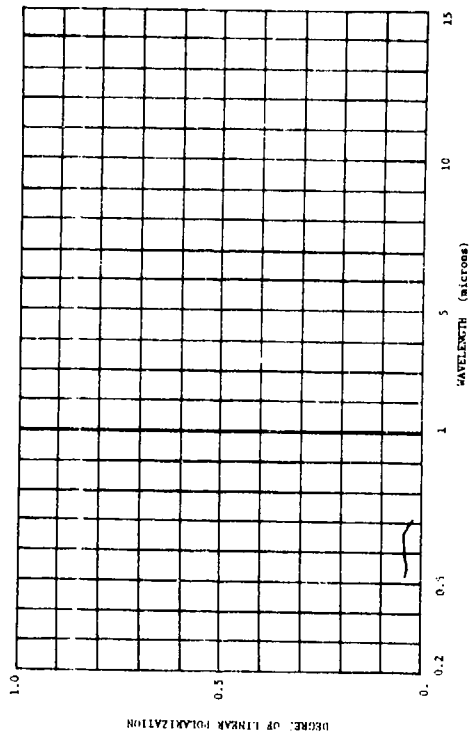
*B13864-018 Summit Alifan Field. (CONFIDENTIAL)

SUBJECT CODES

BGCR A CEC CH UOBC DLF EUB

PARAMETER INFORMATION

DATE= 64 TIME= 1210 LAT= LONG= RANGE= 1000
DAYS RE= IN= 20 LAZ= 0 CH= 65 CAZ= 245 IIR= A
OBST= TTR= WIND SP= WIND DI= CLD= VIS= 100
TEMP= DEN PT= N AVE= 1



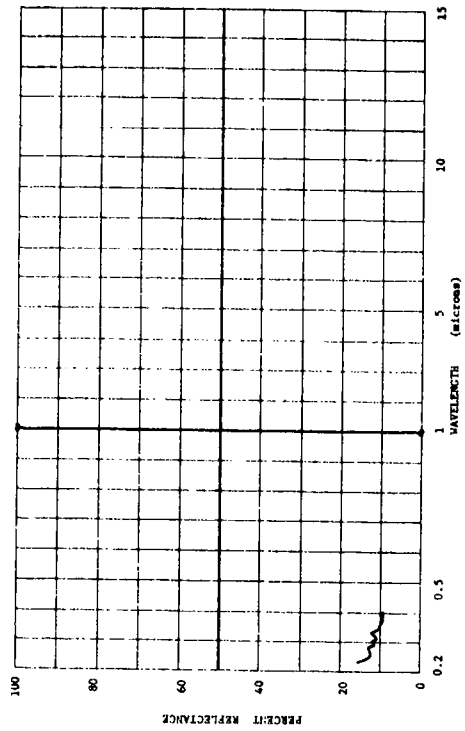
*B14004-021 Oak Leaf, 2.5 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES

BGCR A CEC CH UOBC DLF EUB

PARAMETER INFORMATION

DATE= 64 TIME= 1210 LAT= LONG= RANGE= 1000
DAYS RE= IN= 20 LAZ= 0 CH= 65 CAZ= 245 IIR= A
OBST= TTR= WIND SP= WIND DI= CLD= VIS= 100
TEMP= DEN PT= N AVE= 1



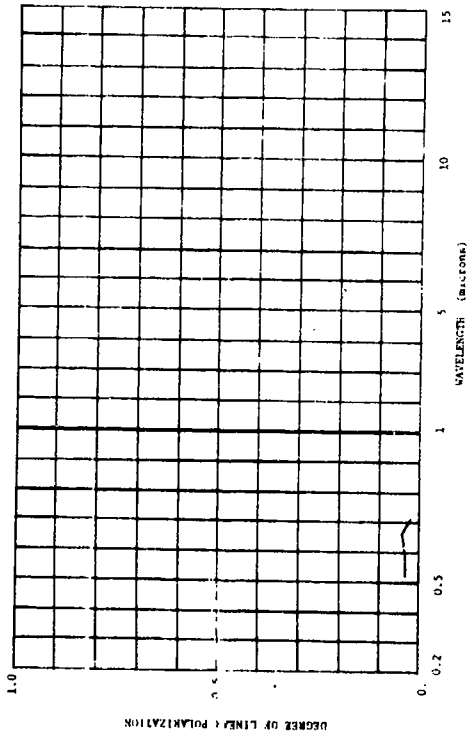
*B13864-017 Summit Alifan Field. (CONFIDENTIAL)

SUBJECT CODES

BGCR A CEC CH UOBC DLF EUB

PARAMETER INFORMATION

DATE= 64 TIME= 1000 LAT= LONG= RANGE= 1000
DAYS RE= IN= 20 LAZ= 0 CH= 65 CAZ= 245 IIR= A
OBST= TTR= WIND SP= WIND DI= CLD= VIS= 100
TEMP= DEN PT= N AVE= 1



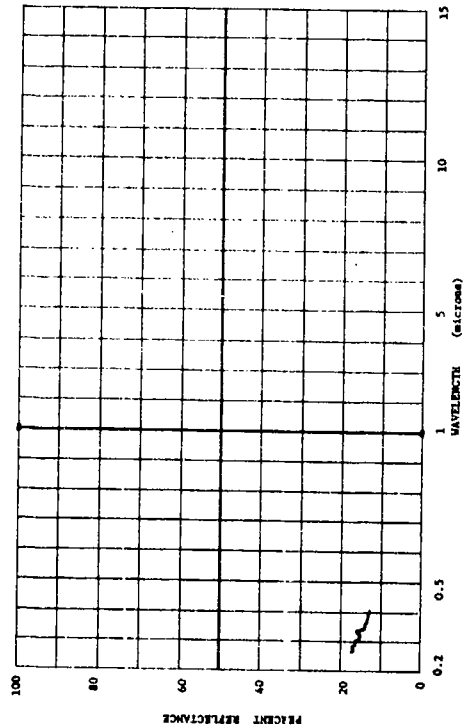
*B14004-020 Oak Leaf, 2 Days Old. (CONFIDENTIAL)

SUBJECT CODES

BGCR A CEC CH UOBC DLF EUB

PARAMETER INFORMATION

DATE= 64 TIME= 1000 LAT= LONG= RANGE= 1000
DAYS RE= IN= 20 LAZ= 0 CH= 65 CAZ= 245 IIR= A
OBST= TTR= WIND SP= WIND DI= CLD= VIS= 100
TEMP= DEN PT= N AVE= 1



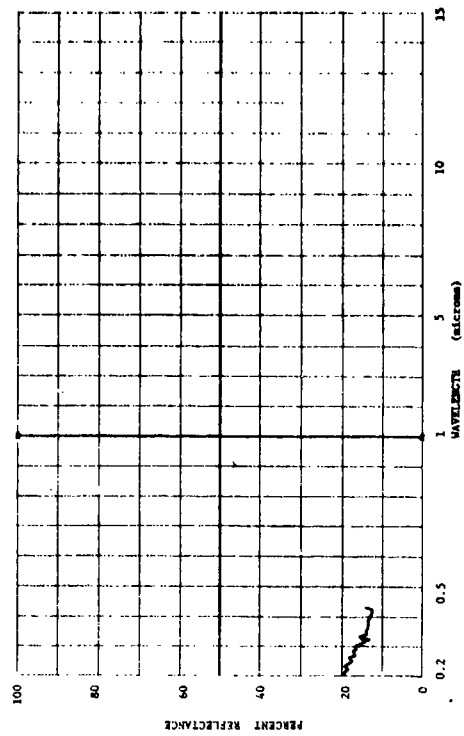
CONFIDENTIAL

CONFIDENTIAL

BO 7

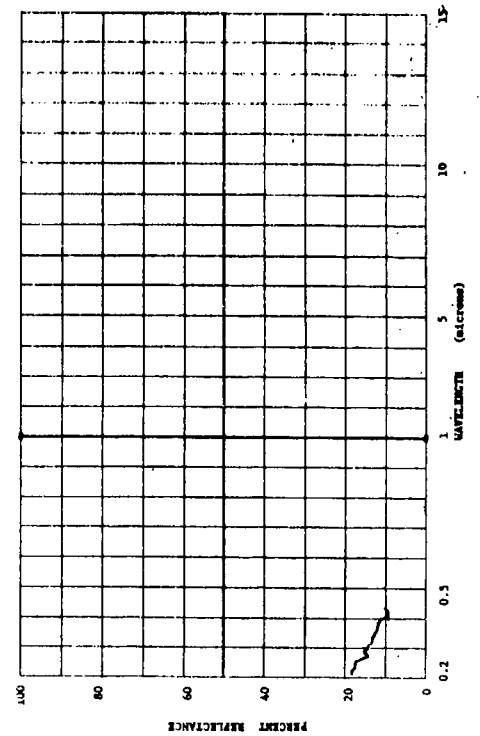
*B14004-042 Oak Leaf, Top. (CONFIDENTIAL)

SUBJECT CODES
MCDSC MCFPC CDC CED DPAA DPCD DE ECAC ECAD
PARAMETER INFORMATION
DATE=08 4 64 TIME= 1200
DAYS BE= 2 IN= 1200
OBS= 1200
TEMP= 1200
DEN PT= 1
N AVE= 1
LONG= 1200
LAT= 1200
WIND DI= 1200
WIND SP= 1200
RANGE= 1200
TER= 1200
VIS= 1200



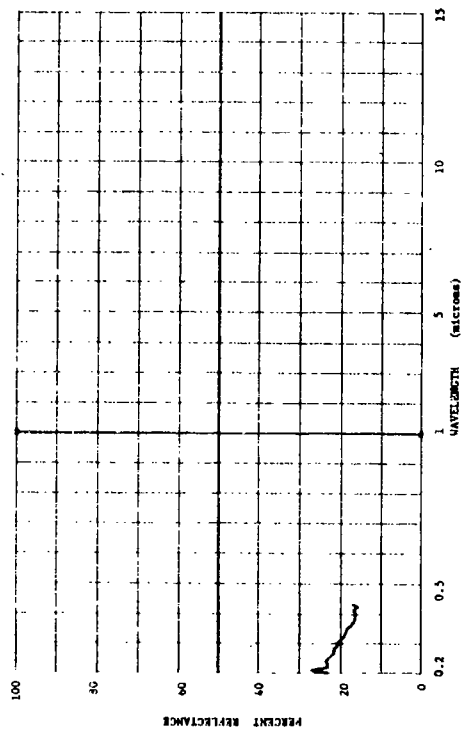
*B14004-044 Oak Leaf, About 4 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES
MCDSC MCFPC CDC CED DPAA DPCD DE ECAC ECAD
PARAMETER INFORMATION
DATE=08 4 64 TIME= 1200
DAYS BE= 2 IN= 1200
OBS= 1200
TEMP= 1200
DEN PT= 1
N AVE= 1
LONG= 1200
LAT= 1200
WIND DI= 1200
WIND SP= 1200
RANGE= 1200
TER= 1200
VIS= 1200



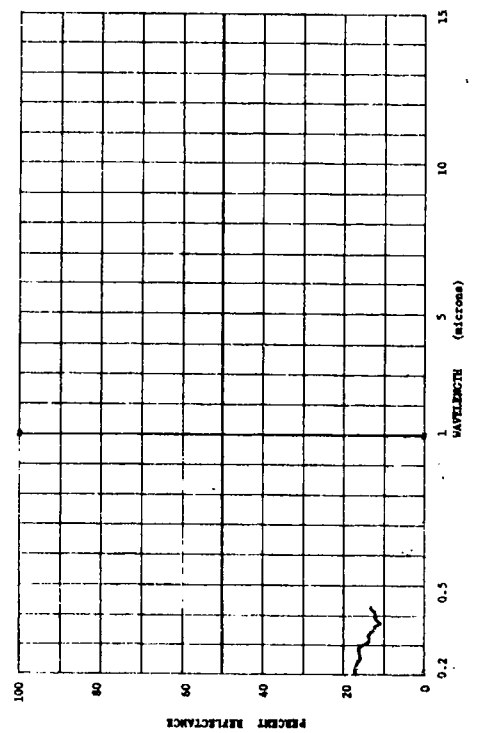
*B14004-041 Oak Leaf, Bottom. (CONFIDENTIAL)

SUBJECT CODES
MCDSC MCFPC CDC CED DPAA DPCD DE ECAC ECAD
PARAMETER INFORMATION
DATE=08 4 64 TIME= 1200
DAYS BE= 2 IN= 1200
OBS= 1200
TEMP= 1200
DEN PT= 1
N AVE= 1
LONG= 1200
LAT= 1200
WIND DI= 1200
WIND SP= 1200
RANGE= 1200
TER= 1200
VIS= 1200



*B14004-043 Oak Leaf, About 2 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES
MCDSC MCFPC CDC CED DPAA DPCD DE ECAC ECAD
PARAMETER INFORMATION
DATE=08 4 64 TIME= 1200
DAYS BE= 2 IN= 1200
OBS= 1200
TEMP= 1200
DEN PT= 1
N AVE= 1
LONG= 1200
LAT= 1200
WIND DI= 1200
WIND SP= 1200
RANGE= 1200
TER= 1200
VIS= 1200



CONFIDENTIAL

CONFIDENTIAL

BG 8

* 814004-045 Oak Leaf, Top, About 2 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES

BQUBC BQF CDC CED DFPA DFCD DK ECAC ECAD ECB

ECOA ECCB

PARAMETER INFORMATION

DATE= 8 4 64 TIME=

DAYS RE= 3 IN=

ORST= TTDG=

TEMP= DEN PT=

LAT=

LON=

CH=

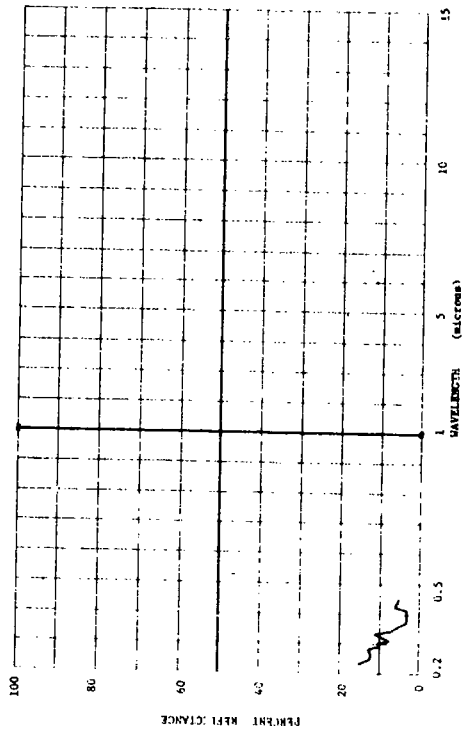
WIND DI=

N AVE= 1

RANGE=

IR= E

VIS=



* 814004-104 Water Oak, 3 Days in Weather After Picking. (CONFIDENTIAL)

SUBJECT CODES

BQUBC BQF CDC CED DFPA DFCD DK ECAC ECAD ECB

ECOA ECCB

PARAMETER INFORMATION

DATE= 8 3 64 TIME=

DAYS RE= 3 IN=

ORST= TTDG=

TEMP= DEN PT=

LAT=

LON=

CH=

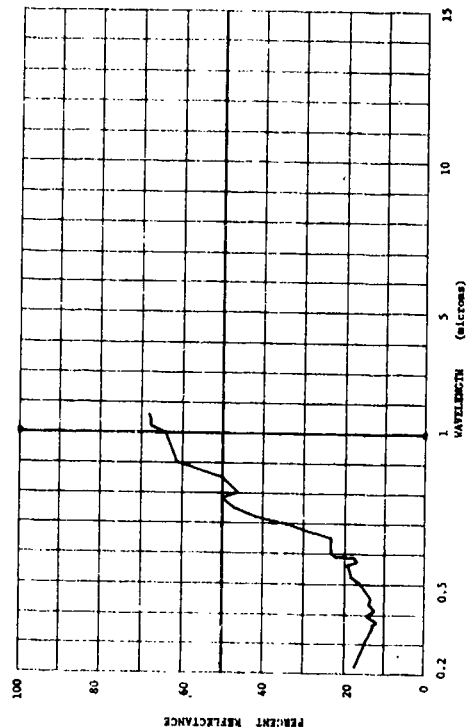
WIND DI=

N AVE= 1

RANGE=

IR= E

VIS=



* 814004-103 Water Oak, 3-6 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES

BQUBC BQF CDC CED DFPA DFCD DK ECAC ECAD ECB

ECOA ECCB

PARAMETER INFORMATION

DATE= 8 4 64 TIME=

DAYS RE= 3 IN=

ORST= TTDG=

TEMP= DEN PT=

LAT=

LON=

CH=

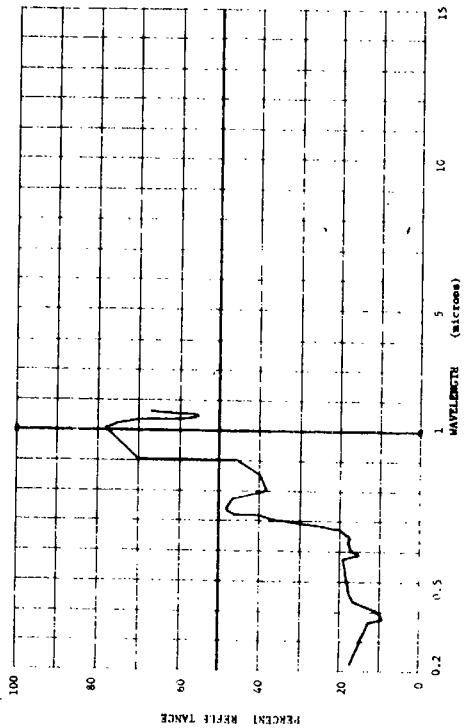
WIND DI=

N AVE= 1

RANGE=

IR= E

VIS=



* 814004-032 Dogwood Leaf, Bottom. (CONFIDENTIAL)

SUBJECT CODES

BQUBC BQF CDC CED DFPA DFCD DK ECAC ECAD ECB

ECOA ECCB

PARAMETER INFORMATION

DATE= 8 4 64 TIME=

DAYS RE= 3 IN=

ORST= TTDG=

TEMP= DEN PT=

LAT=

LON=

CH=

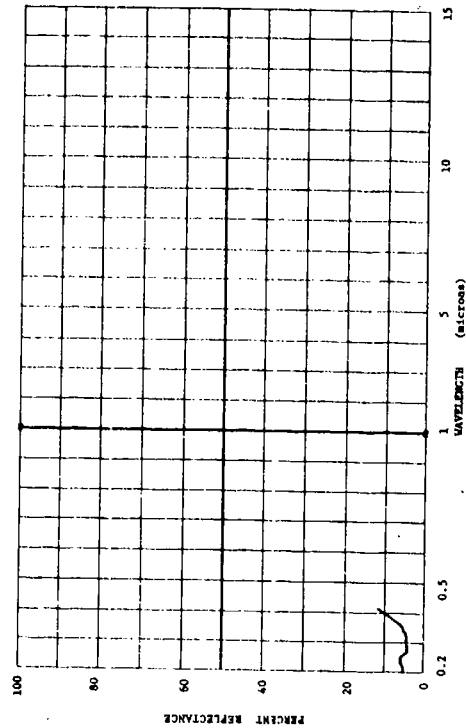
WIND DI=

N AVE= 1

RANGE=

IR= E

VIS=



CONFIDENTIAL

CONFIDENTIAL

BO 9

*814004-033 Degraded Leaf, 2 Days Old. (CONFIDENTIAL)

SUBJECT CODES

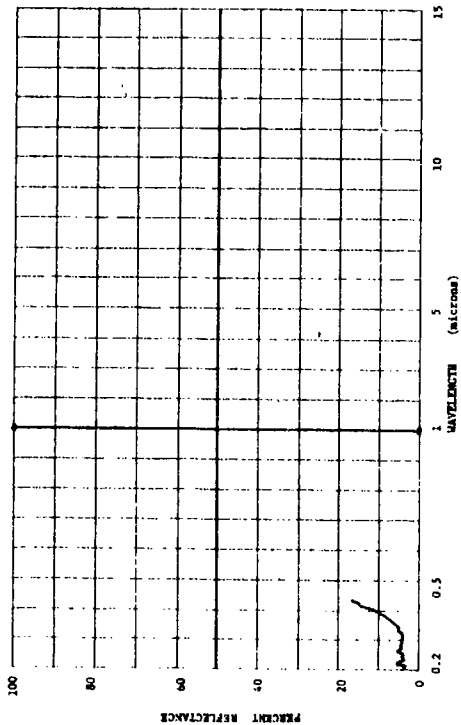
ECOM BCTEC CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION
DATE=30 4 64 TIME= 18-
DATE RE= 2 18-
OBS= TTDP= DEN PT=

RANGE= 18- E
18- E
VIS= 18- E

LONG= 18-
CH= 18-
WIND DI= 18-
WAVE= 1

ALT= 18-
CAS= 18-
CLD= 18-
WIND DI= 18-
WAVE= 1



*814004-037 Degraded Leaf, 2 Days Old. (CONFIDENTIAL)

SUBJECT CODES

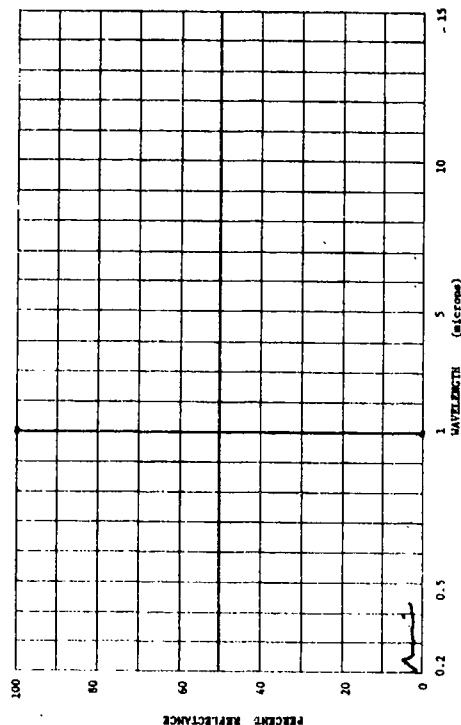
ECOM BCTEC CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION
DATE=30 4 64 TIME= 18-
DATE RE= 2 18-
OBS= TTDP= DEN PT=

RANGE= 18- E
18- E
VIS= 18- E

LONG= 18-
CH= 18-
WIND DI= 18-
WAVE= 1

ALT= 18-
CAS= 18-
CLD= 18-
WIND DI= 18-
WAVE= 1



*814004-035 Degraded Leaf, Top. (CONFIDENTIAL)

SUBJECT CODES

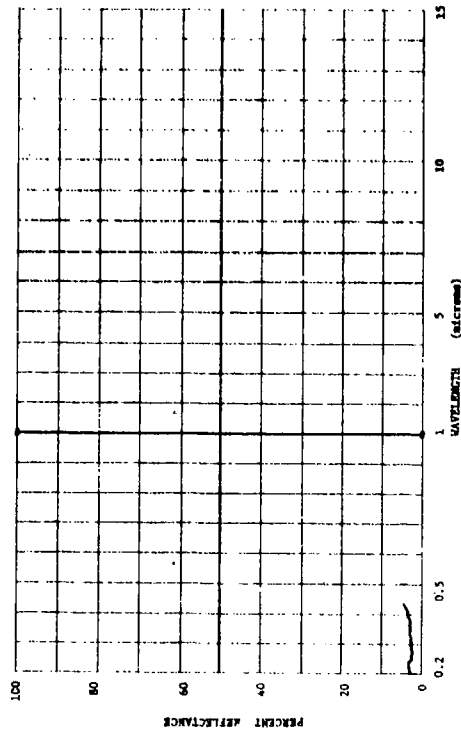
ECOM BCTEC CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION
DATE=30 4 64 TIME= 18-
DATE RE= 2 18-
OBS= TTDP= DEN PT=

RANGE= 18- E
18- E
VIS= 18- E

LONG= 18-
CH= 18-
WIND DI= 18-
WAVE= 1

ALT= 18-
CAS= 18-
CLD= 18-
WIND DI= 18-
WAVE= 1



*814004-039 Degraded Leaf, Bottom. (CONFIDENTIAL)

SUBJECT CODES

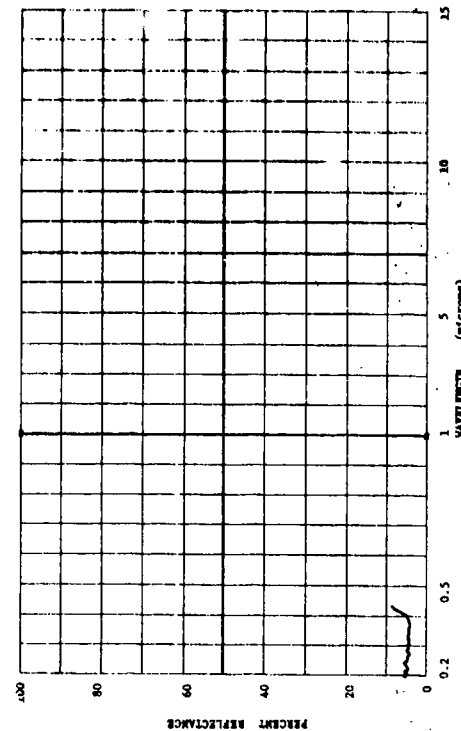
ECOM BCTEC CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION
DATE=30 4 64 TIME= 18-
DATE RE= 2 18-
OBS= TTDP= DEN PT=

RANGE= 18- E
18- E
VIS= 18- E

LONG= 18-
CH= 18-
WIND DI= 18-
WAVE= 1

ALT= 18-
CAS= 18-
CLD= 18-
WIND DI= 18-
WAVE= 1



CONFIDENTIAL

CONFIDENTIAL

BQ 10

*814004-031 Azalea Leaf, Top. (CONFIDENTIAL)

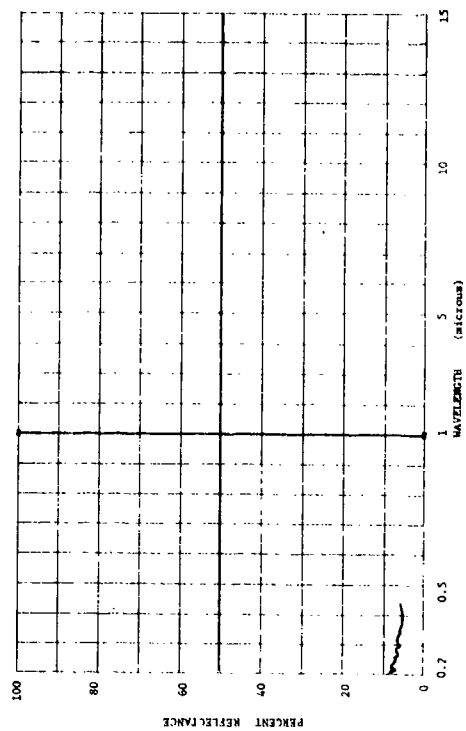
SUBJECT CODES

BCDM BCFD CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION
DATE=2 4 4 TIME=1
DAYS RE=0 IM=0
ONST=0
TEMP=0
DPM PT=1
N AVE=1

ALT=0
CAL=0
CLD=0
RANGE=0
TIR=0
VIS=0

LONG=0
CH=0
WIND DI=0
WIND SP=0
N AVE=1



*814004-100 Azalea, 3-Mile in Lab After Picking. (CONFIDENTIAL)

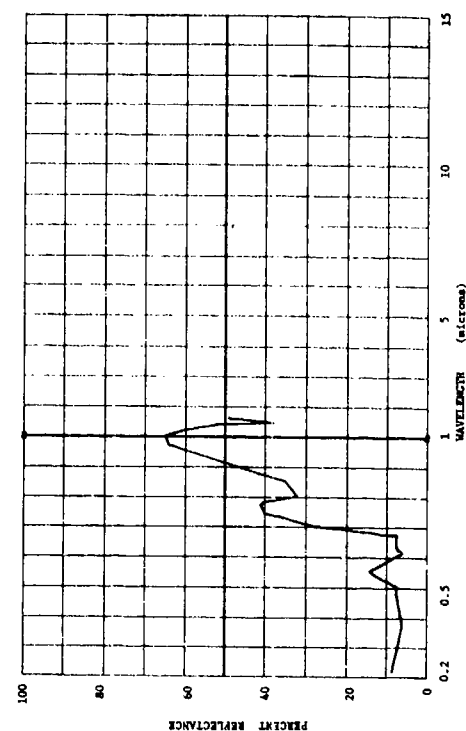
SUBJECT CODES

BCDM BCFD CDC CED DFPA DPCD DK ECAC ECAD ECH

PARAMETER INFORMATION
DATE=2 4 4 TIME=1
DAYS RE=0 IM=0
ONST=0
TEMP=0
DPM PT=1
N AVE=1

ALT=0
CAL=0
CLD=0
RANGE=0
TIR=0
VIS=0

LONG=0
CH=0
WIND DI=0
WIND SP=0
N AVE=1



*814004-030 Azalea Leaf, Top. (CONFIDENTIAL)

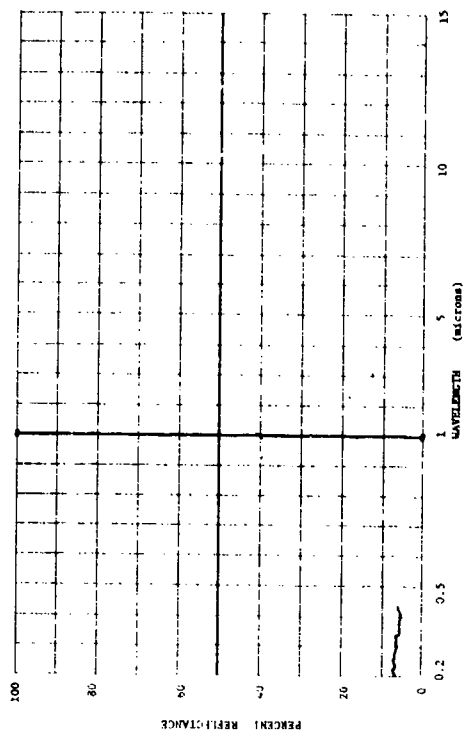
SUBJECT CODES

BCDM BCFD CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION
DATE=2 4 4 TIME=1
DAYS RE=0 IM=0
ONST=0
TEMP=0
DPM PT=1
N AVE=1

ALT=0
CAL=0
CLD=0
RANGE=0
TIR=0
VIS=0

LONG=0
CH=0
WIND DI=0
WIND SP=0
N AVE=1



*814004-099 Azalea, 3 Days in Weather After Picking. (CONFIDENTIAL)

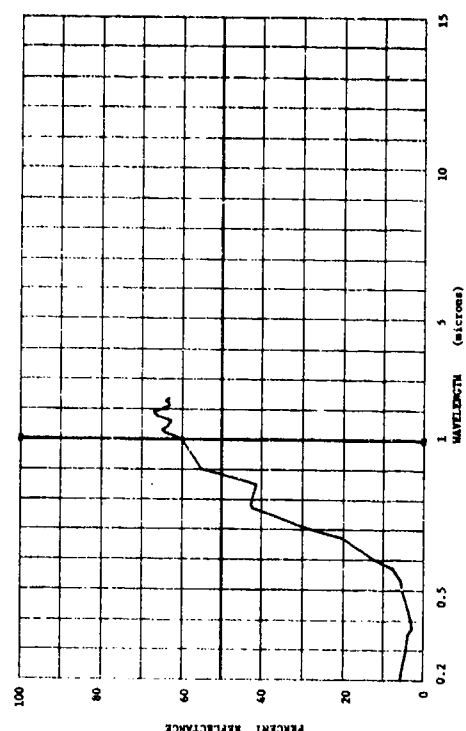
SUBJECT CODES

BCDM BCFD CDC CED DFPA DPCD DK ECAC ECAD ECH

PARAMETER INFORMATION
DATE=2 4 4 TIME=1
DAYS RE=0 IM=0
ONST=0
TEMP=0
DPM PT=1
N AVE=1

ALT=0
CAL=0
CLD=0
RANGE=0
TIR=0
VIS=0

LONG=0
CH=0
WIND DI=0
WIND SP=0
N AVE=1



CONFIDENTIAL

CONFIDENTIAL

BG 11

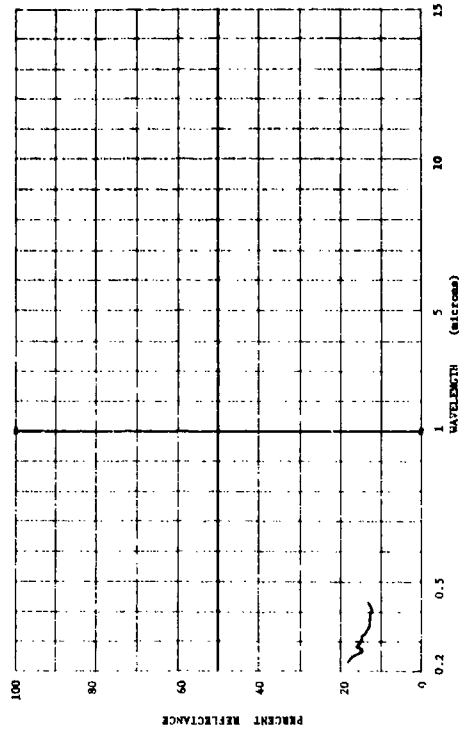
* B14004-023 Avocado Leaf, Top-About 4 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES

BCDP BCPC CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION

DATE-64 TIME-
DAYS RE-12M
OBS-7% PT-
TEMP-
LAT- LONG-
HAZ- CH-
WIND SP- WIND DI-
S AVE-1



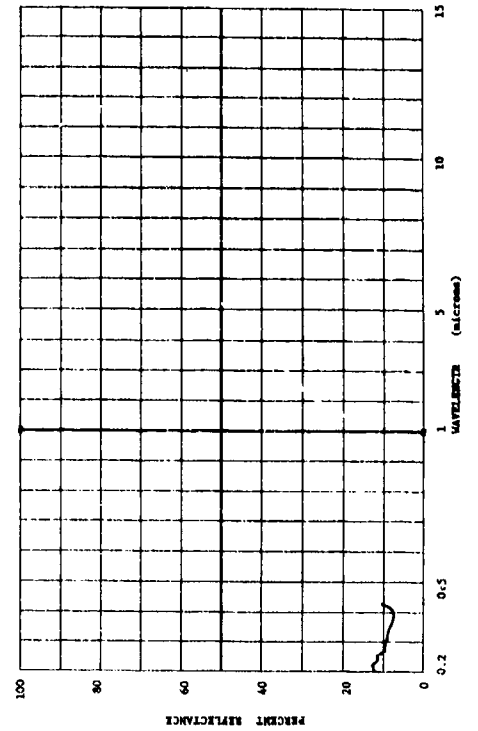
* B14004-025 Avocado Leaf, Bottom-About 2 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES

BCDP BCPC CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION

DATE-64 TIME-
DAYS RE-12M
OBS-7% PT-
TEMP-
LAT- LONG-
HAZ- CH-
WIND SP- WIND DI-
S AVE-1



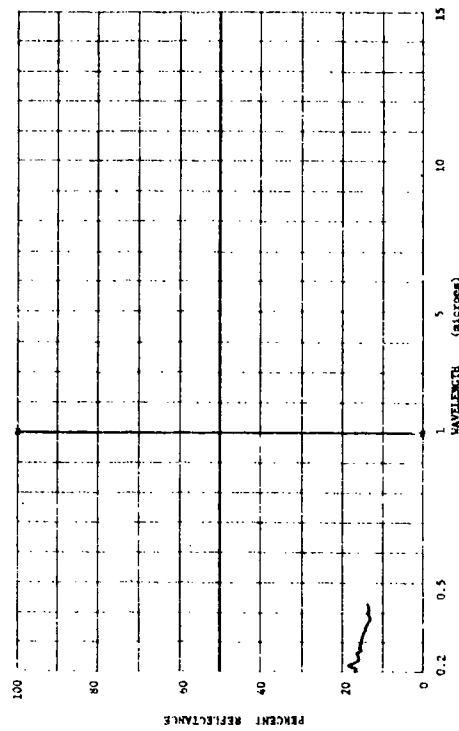
* B14004-022 Avocado Leaf, Top-About 2 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES

BCDP BCPC CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION

DATE-64 TIME-
DAYS RE-12M
OBS-7% PT-
TEMP-
LAT- LONG-
HAZ- CH-
WIND SP- WIND DI-
S AVE-1



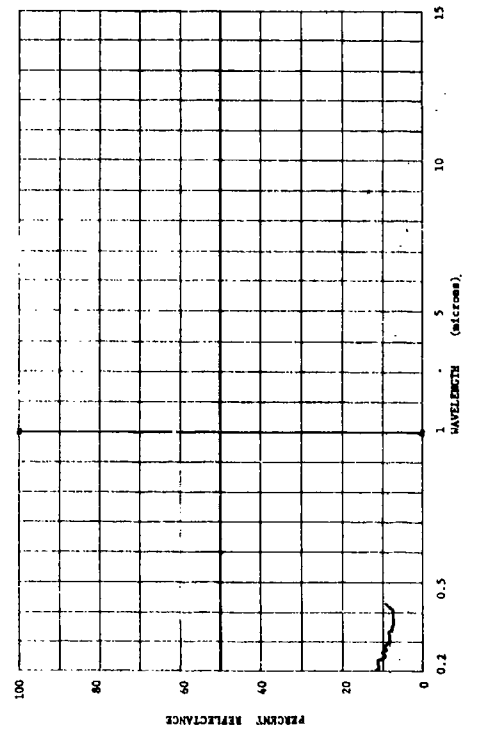
* B14004-024 Avocado Leaf, Bottom-About 2 Days Old. (CONFIDENTIAL)

SUBJECT CODES

BCDP BCPC CDC CED DFPA DPCD DK ECAC ECAD

PARAMETER INFORMATION

DATE-64 TIME-
DAYS RE-2
OBS-7% PT-
TEMP-
LAT- LONG-
HAZ- CH-
WIND SP- WIND DI-
S AVE-1



CONFIDENTIAL

CONFIDENTIAL

BQ 12

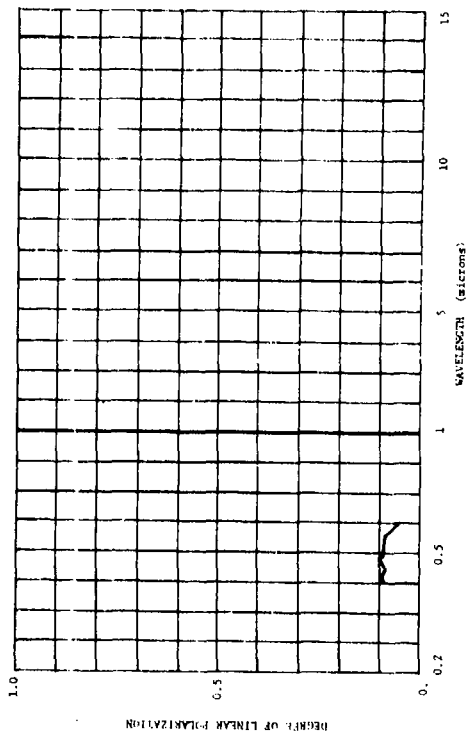
*B1300-015 Cluster of Lonicar Trees. (CONFIDENTIAL)

SUBJECT CODES
BGDA CEC CN DUBC DLF ECB

PARAMETER INFORMATION
DATE= 10-1-64 TIME= 12:00
DAYS RE= 12:00
OBS= 12:00
TEMP= 12:00
DEN PT= 12:00

LONG= 100-00
LAT= 10-00
CH= 85
WIND DI= 90
WIND SP= 10
WIND DIR= 10
WIND DIR= 10

ALT= 90
CAZ= 90
CLD= 90
RANGE= 90
IR= 90
VIS= 90



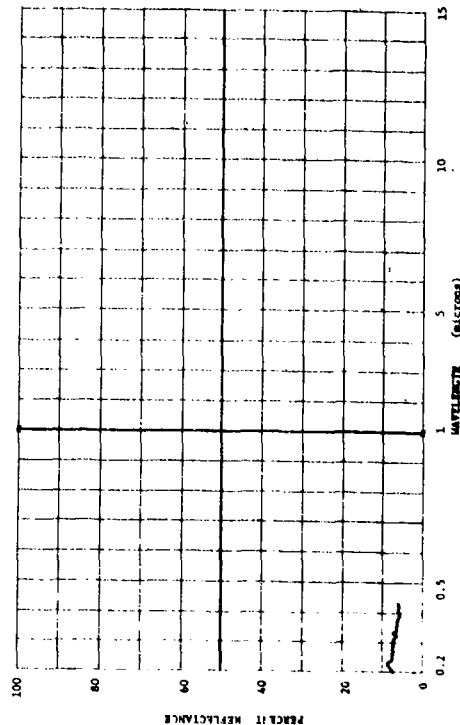
*B1400-039 Japanese Plum Leaf, Top. (CONFIDENTIAL)

SUBJECT CODES
BGAC BGTC CEC CN DUBC DLF ECB

PARAMETER INFORMATION
DATE= 10-1-64 TIME= 12:00
DAYS RE= 12:00
OBS= 12:00
TEMP= 12:00
DEN PT= 12:00

LONG= 100-00
LAT= 10-00
CH= 85
WIND DI= 90
WIND SP= 10
WIND DIR= 10
WIND DIR= 10

ALT= 90
CAZ= 90
CLD= 90
RANGE= 90
IR= 90
VIS= 90



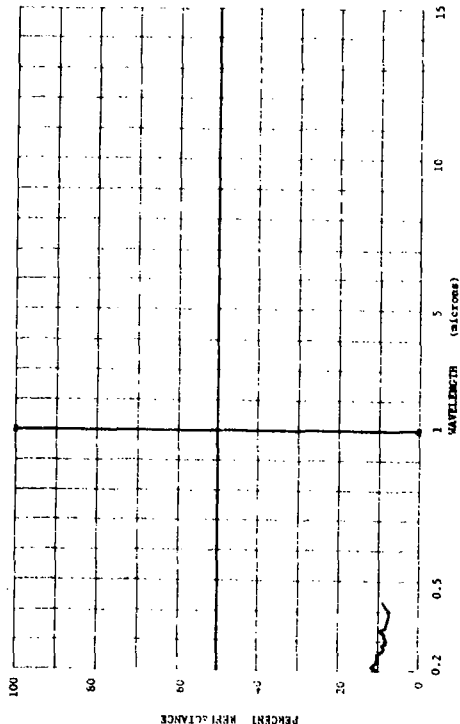
*B1400-026 Avocado Leaf, Top—about 2 Days Old. (CONFIDENTIAL)

SUBJECT CODES
BGOP BGTC CEC CN DUBC DLF ECB

PARAMETER INFORMATION
DATE= 10-1-64 TIME= 12:00
DAYS RE= 12:00
OBS= 12:00
TEMP= 12:00
DEN PT= 12:00

LONG= 100-00
LAT= 10-00
CH= 85
WIND DI= 90
WIND SP= 10
WIND DIR= 10
WIND DIR= 10

ALT= 90
CAZ= 90
CLD= 90
RANGE= 90
IR= 90
VIS= 90



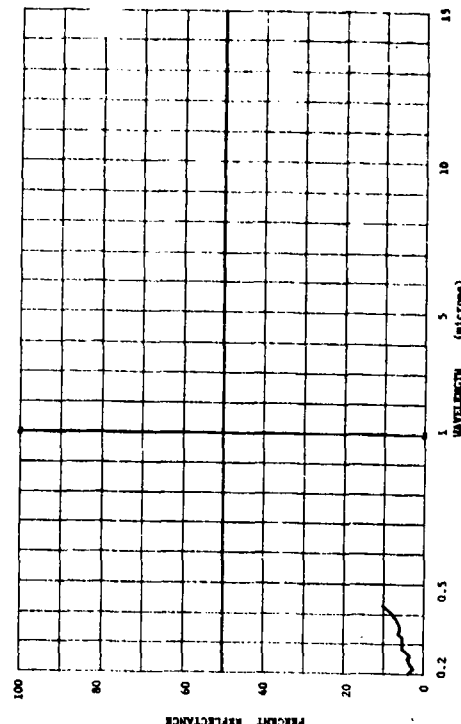
*B1400-038 Japanese Plum Leaf, Bottom. (CONFIDENTIAL)

SUBJECT CODES
BGAC BGTC CEC CN DUBC DLF ECB

PARAMETER INFORMATION
DATE= 10-1-64 TIME= 12:00
DAYS RE= 12:00
OBS= 12:00
TEMP= 12:00
DEN PT= 12:00

LONG= 100-00
LAT= 10-00
CH= 85
WIND DI= 90
WIND SP= 10
WIND DIR= 10
WIND DIR= 10

ALT= 90
CAZ= 90
CLD= 90
RANGE= 90
IR= 90
VIS= 90



CONFIDENTIAL

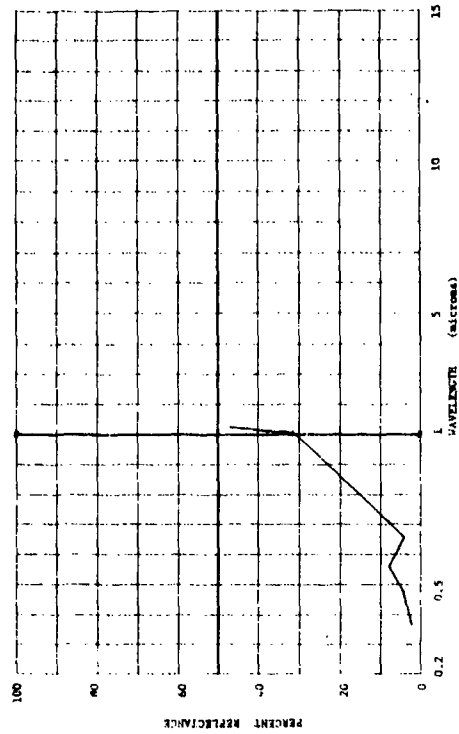
SECRET

BQ 13

• 813946-016 Light Green and Dark Green Leaves, Wet. (SECRET)

SUBJECT CODES
BGF BGCD CD DVA DFC DK ECAD ECH ECCA

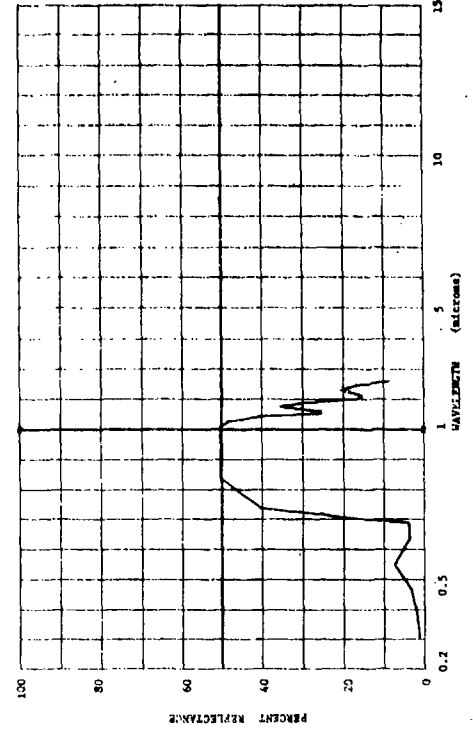
PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 100
OBS= 1000
TEMP= 1000
LAT= 1000
LON= 1000
WIND SP= 1000
WIND DI= 1000
WIND S= 1000
WIND E= 1000
WIND V= 1000



• 813946-032 Plant Leaves. (SECRET)

SUBJECT CODES
BGF CD CEC DVA DFC DK ECAD ECH ECCA

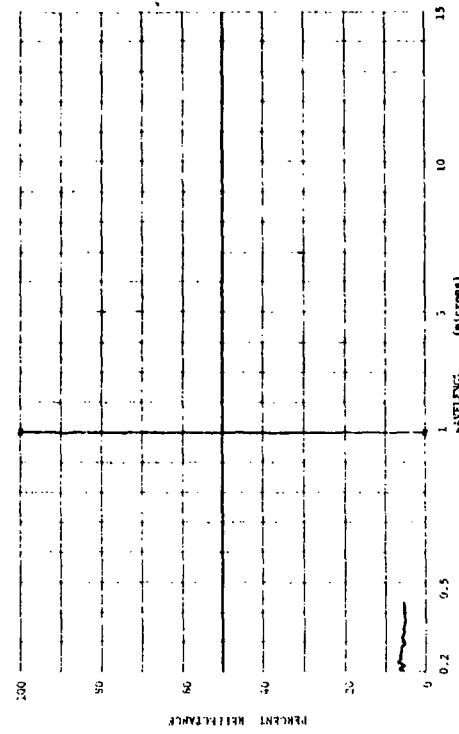
PARAMETER INFORMATION
DATE= 62 TIME= 1000
DAYS RE= 100
OBS= 1000
TEMP= 1000
LAT= 1000
LON= 1000
WIND SP= 1000
WIND DI= 1000
WIND S= 1000
WIND E= 1000
WIND V= 1000



• 813946-040 Japanese Plum Leaf. (CONFIDENTIAL)

SUBJECT CODES
BGZAC BGZCD CDC CED DVA DFC DK ECAD ECAD

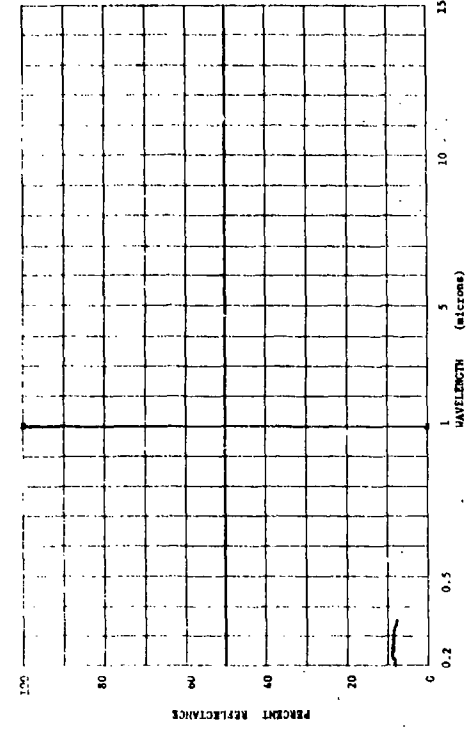
PARAMETER INFORMATION
DATE= 28 4 54 TIME= 1000
DAYS RE= 100
OBS= 1000
TEMP= 1000
LAT= 1000
LON= 1000
WIND SP= 1000
WIND DI= 1000
WIND S= 1000
WIND E= 1000
WIND V= 1000



• 813946-024 Palm Leaves. (SECRET)

SUBJECT CODES
BGF CDC CED DVA DFC DK ECAD ECAD

PARAMETER INFORMATION
DATE= 64 TIME= 1000
DAYS RE= 100
OBS= 1000
TEMP= 1000
LAT= 1000
LON= 1000
WIND SP= 1000
WIND DI= 1000
WIND S= 1000
WIND E= 1000
WIND V= 1000



SECRET

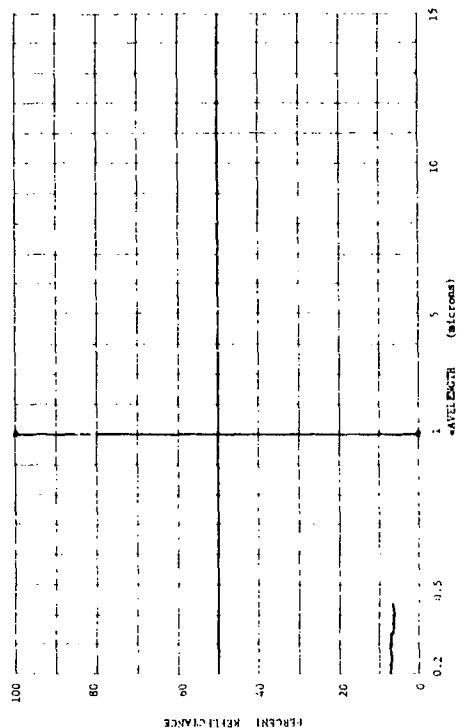
CONFIDENTIAL

BU 14

*814004-028 Boston Fern Leaf. (CONFIDENTIAL)

SUBJECT CODES
BGF CDC CED DFPA DFCD DK ECAC ECAD

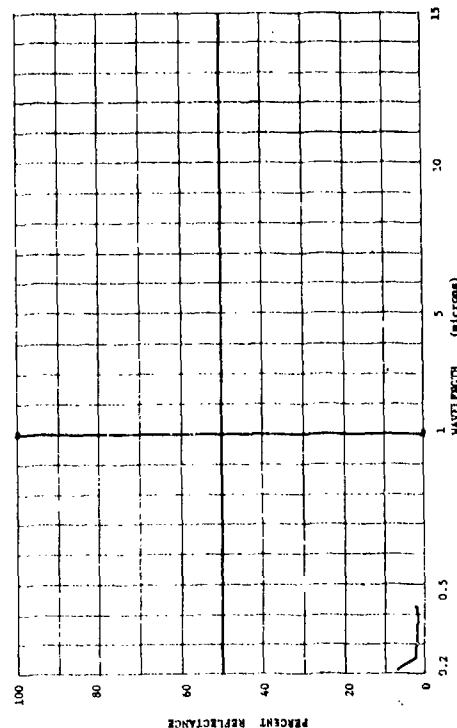
PARAMETER INFORMATION
DATE=80 1 64 TIME= 14-
DAYS RE= 2 IN= 14-
OBS= 14-
TEMP= 14-
DEN PT= 14-
WIND SP= 14-
WIND DI= 14-
S AVE= 14-
ALT= 14-
CAZ= 14-
CLD= 14-
RANGE= 14-
IRB= 14-
VIS= 14-



*814004-029 Alendox Heart Leaf, 2 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES
BGF CDC CED DFPA DFCD DK ECAC ECAD

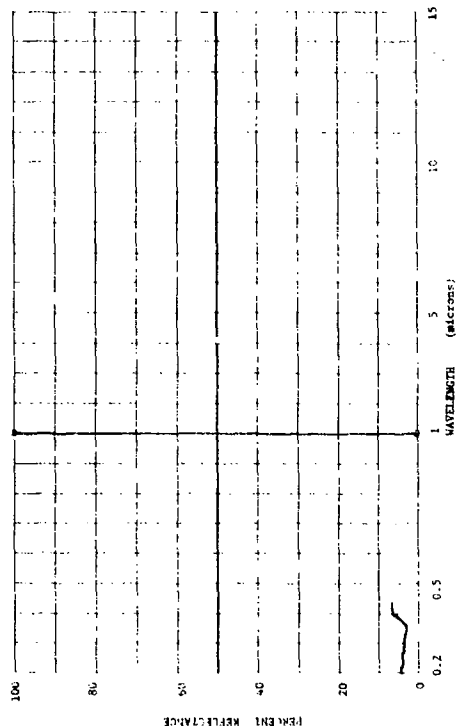
PARAMETER INFORMATION
DATE=80 1 64 TIME= 14-
DAYS RE= 2 IN= 14-
OBS= 14-
TEMP= 14-
DEN PT= 14-
WIND SP= 14-
WIND DI= 14-
S AVE= 14-
ALT= 14-
CAZ= 14-
CLD= 14-
RANGE= 14-
IRB= 14-
VIS= 14-



*814004-027 Boston Fern Leaf. (CONFIDENTIAL)

SUBJECT CODES
BGF CDC CED DFPA DFCD DK ECAC ECAD

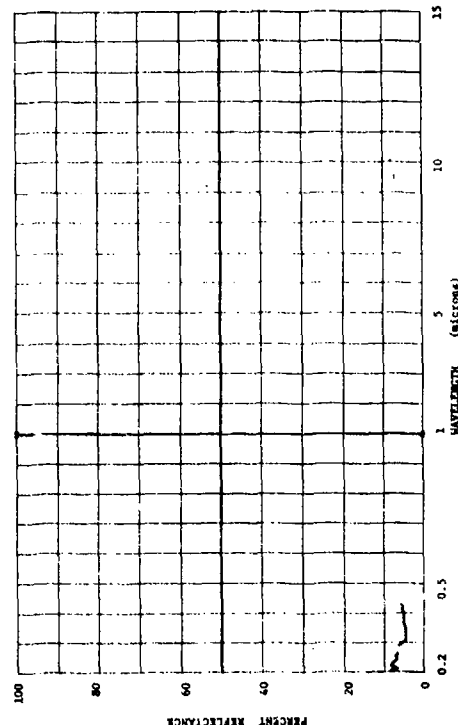
PARAMETER INFORMATION
DATE=80 1 64 TIME= 14-
DAYS RE= 2 IN= 14-
OBS= 14-
TEMP= 14-
DEN PT= 14-
WIND SP= 14-
WIND DI= 14-
S AVE= 14-
ALT= 14-
CAZ= 14-
CLD= 14-
RANGE= 14-
IRB= 14-
VIS= 14-



*814004-030 Lantana Leaf, 2 Hrs. After Picking. (CONFIDENTIAL)

SUBJECT CODES
BGF CDC CED DFPA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE=80 1 64 TIME= 14-
DAYS RE= 2 IN= 14-
OBS= 14-
TEMP= 14-
DEN PT= 14-
WIND SP= 14-
WIND DI= 14-
S AVE= 14-
ALT= 14-
CAZ= 14-
CLD= 14-
RANGE= 14-
IRB= 14-
VIS= 14-



CONFIDENTIAL

CONFIDENTIAL

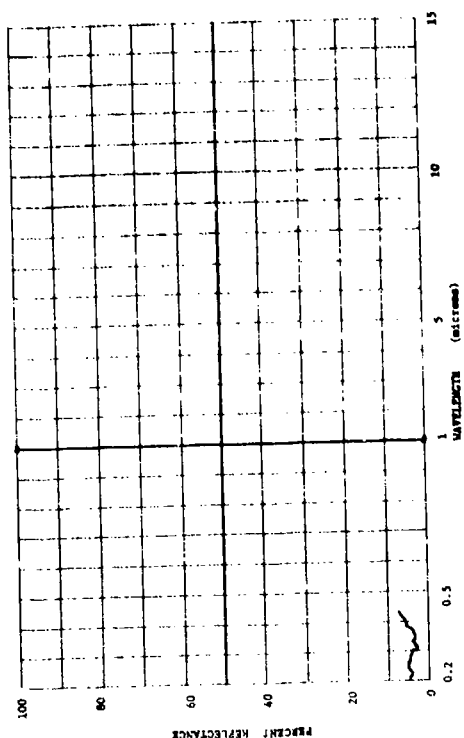
BO 15

*814004-052 Lantana Leaf, 2 Days After Picking. (CONFIDENTIAL)

SUBJECT CODES
RGF CDC CED DFAA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE= 64 TIME= 1400
DAYS RE= 2 1400
OBS= 1400
TEMP= 1400
DEN FT= 1
N AVE= 1

LONG= 1400
LAT= 1400
WIND SP= 1400
WIND DI= 1400
ALT= 1400
CAZ= 1400
CLD= 1400
RANGE= 1400
IRB= 1400
VIS= 1400

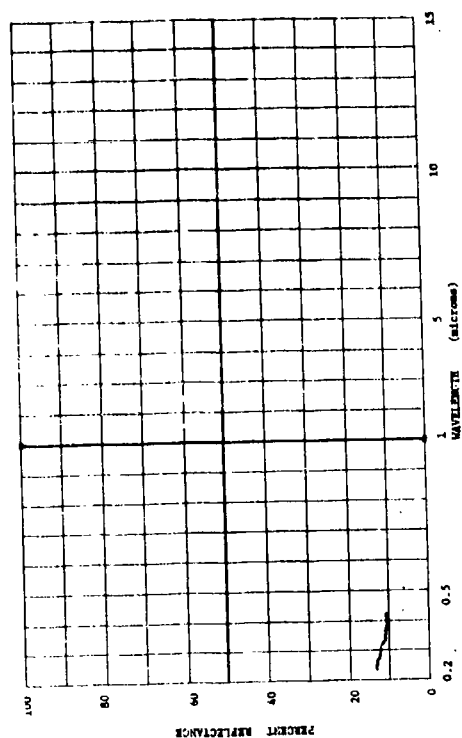


*814004-064 Peak Tree Leaf. (CONFIDENTIAL)

SUBJECT CODES
RGF CDC CED DFAA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE= 64 TIME= 1400
DAYS RE= 2 1400
OBS= 1400
TEMP= 1400
DEN FT= 1
N AVE= 1

LONG= 1400
LAT= 1400
WIND SP= 1400
WIND DI= 1400
ALT= 1400
CAZ= 1400
CLD= 1400
RANGE= 1400
IRB= 1400
VIS= 1400

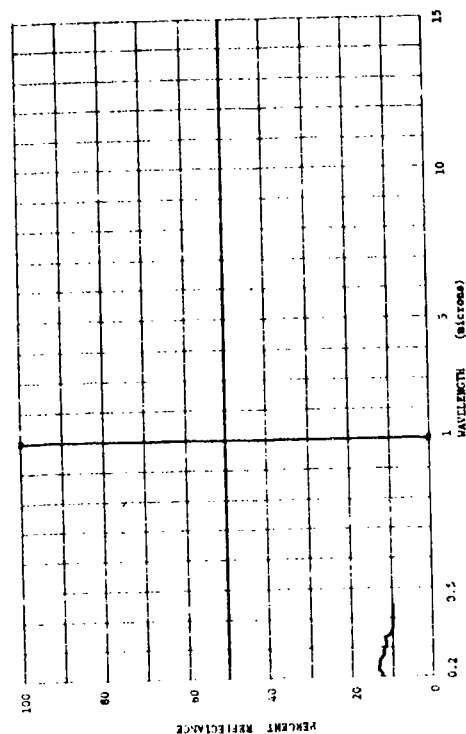


*814004-050 Bleeding Heart Leaf, 2 Days After Picking. (CONFIDENTIAL)

SUBJECT CODES
RGF CDC CED DFAA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE= 64 TIME= 1400
DAYS RE= 2 1400
OBS= 1400
TEMP= 1400
DEN FT= 1
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ALT= 1400
CAZ= 1400
CLD= 1400
RANGE= 1400
IRB= 1400
VIS= 1400

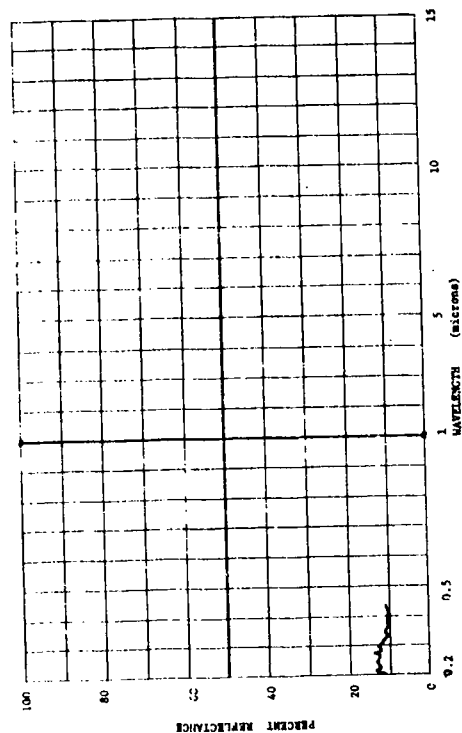


*814004-063 Peak Tree Leaf. (CONFIDENTIAL)

SUBJECT CODES
RGF CDC CED DFAA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE= 64 TIME= 1400
DAYS RE= 2 1400
OBS= 1400
TEMP= 1400
DEN FT= 1
N AVE= 1

LONG= 1400
LAT= 1400
WIND SP= 1400
WIND DI= 1400
ALT= 1400
CAZ= 1400
CLD= 1400
RANGE= 1400
IRB= 1400
VIS= 1400



CONFIDENTIAL

CONFIDENTIAL

*B14004-066

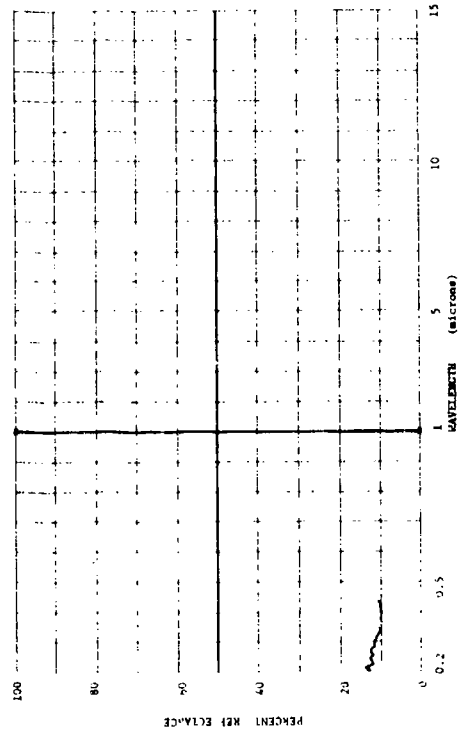
Pink Tree Leaf. (CONFIDENTIAL)

SUBJECT CODES

BCF CUC CED DFA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE-24 = 04 TIME-13
DATE-25 = 04 TIME-13
OBS-1
TEMP-
DEN PT-
N AVE-1

LONG-
CM-
WIND DI-
ALT-
CAZ-
CLD-
RANGE-
IR- E
VIS-



*B14004-067

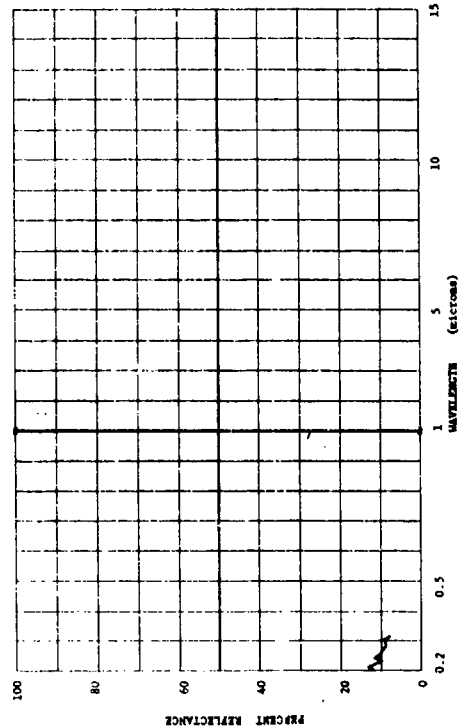
Pink Tree Leaf. (CONFIDENTIAL)

SUBJECT CODES

BCF CUC CED DFA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE-24 = 04 TIME-13
DATE-25 = 04 TIME-13
OBS-1
TEMP-
DEN PT-
N AVE-1

LONG-
CM-
WIND DI-
ALT-
CAZ-
CLD-
RANGE-
IR- E
VIS-



*B14004-066

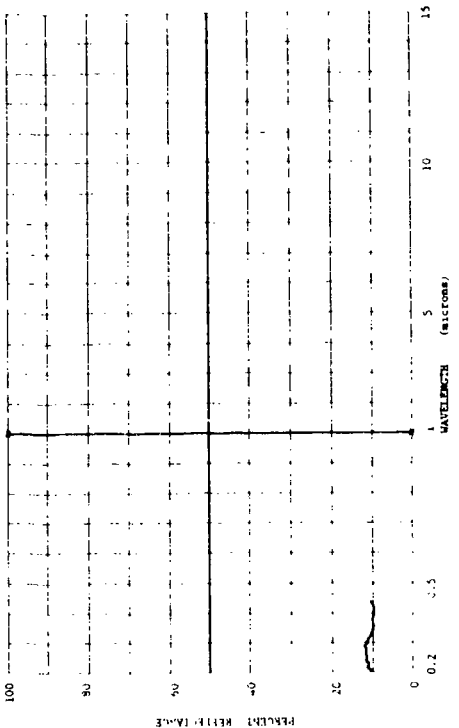
Pink Tree Leaf. (CONFIDENTIAL)

SUBJECT CODES

BCF CUC CED DFA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE-24 = 04 TIME-13
DATE-25 = 04 TIME-13
OBS-1
TEMP-
DEN PT-
N AVE-1

LONG-
CM-
WIND DI-
ALT-
CAZ-
CLD-
RANGE-
IR- E
VIS-



*B14004-097

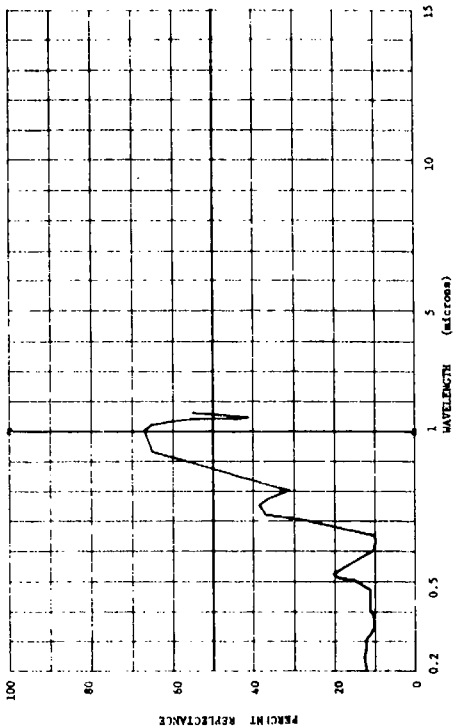
Lantana, 3-8 Hrs. In Lab After Picking. (CONFIDENTIAL)

SUBJECT CODES

BCF CUC CED DFA DFCD DK ECAC ECAD

PARAMETER INFORMATION
DATE-24 = 04 TIME-13
DATE-25 = 04 TIME-13
OBS-1
TEMP-
DEN PT-
N AVE-1

LONG-
CM-
WIND DI-
ALT-
CAZ-
CLD-
RANGE-
IR- E
VIS-

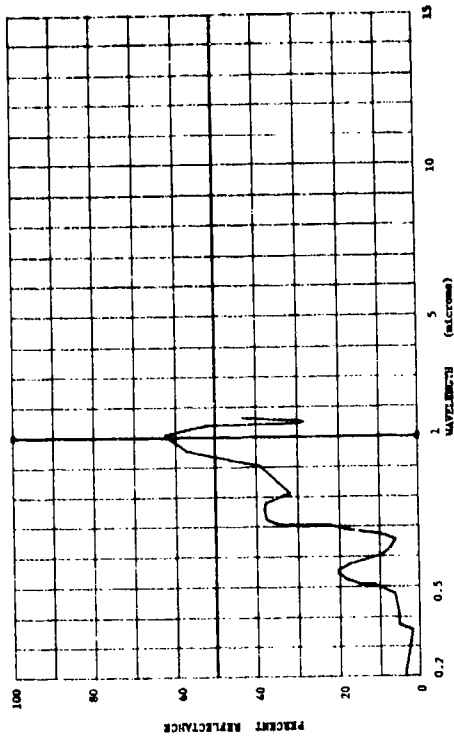


CONFIDENTIAL

NO 17

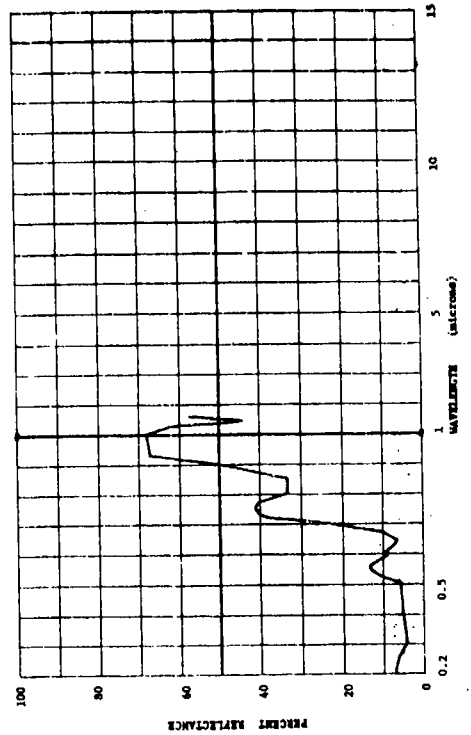
• B14004-105 Elephant Ear, 3-8 Hrs. in Lab After Picking. (CONFIDENTIAL)

SUBJECT CODES
NGF CDC CED DFA DPCD DE ECAC ECAD ECH ECCA
ECCB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE- 14- TIME-
OBS- TIME-
TEMP- 100 FT-
LAT- LONG-
ALT-
CLD-
WIND DI-
WIND SP-
WIND DIR-
WIND S-
WIND E-
WIND VLS-
WIND E-
WIND VLS-
WIND E-
WIND VLS-



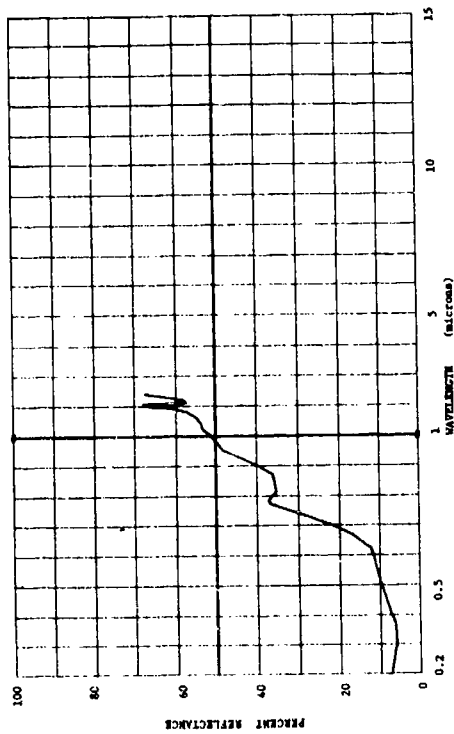
• B14004-107 Bleeding Heart, 3-8 Hrs. in Lab After Picking. (CONFIDENTIAL)

SUBJECT CODES
NGF CDC CED DFA DPCD DE ECAC ECAD ECH ECCA
ECCB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE- 14- TIME-
OBS- TIME-
TEMP- 100 FT-
LAT- LONG-
ALT-
CLD-
WIND DI-
WIND SP-
WIND DIR-
WIND S-
WIND E-
WIND VLS-
WIND E-
WIND VLS-



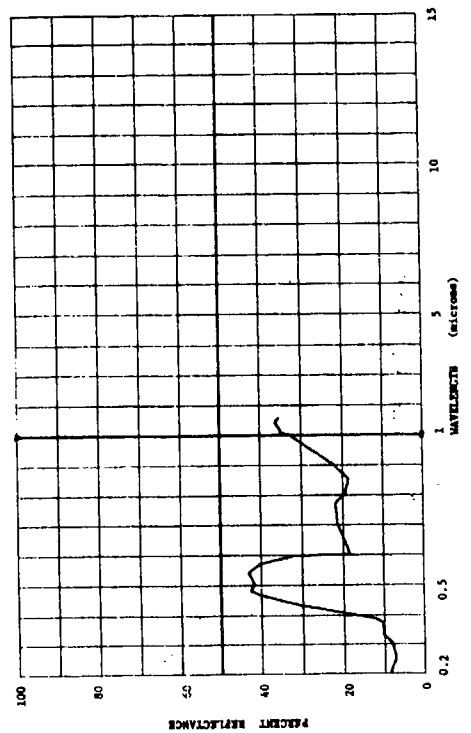
• B14004-106 Elephant Ear, 3 Days in Weather After Picking. (CONFIDENTIAL)

SUBJECT CODES
NGF CDC CED DFA DPCD DE ECAC ECAD ECH ECCA
ECCB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE- 14- TIME-
OBS- TIME-
TEMP- 100 FT-
LAT- LONG-
ALT-
CLD-
WIND DI-
WIND SP-
WIND DIR-
WIND S-
WIND E-
WIND VLS-
WIND E-
WIND VLS-



• B14004-108 Elephant Ear, 3 Days in Weather After Picking. (CONFIDENTIAL)

SUBJECT CODES
NGF CDC CED DFA DPCD DE ECAC ECAD ECH ECCA
ECCB
PARAMETER INFORMATION
DATE- 64 TIME-
DATE- 14- TIME-
OBS- TIME-
TEMP- 100 FT-
LAT- LONG-
ALT-
CLD-
WIND DI-
WIND SP-
WIND DIR-
WIND S-
WIND E-
WIND VLS-
WIND E-
WIND VLS-

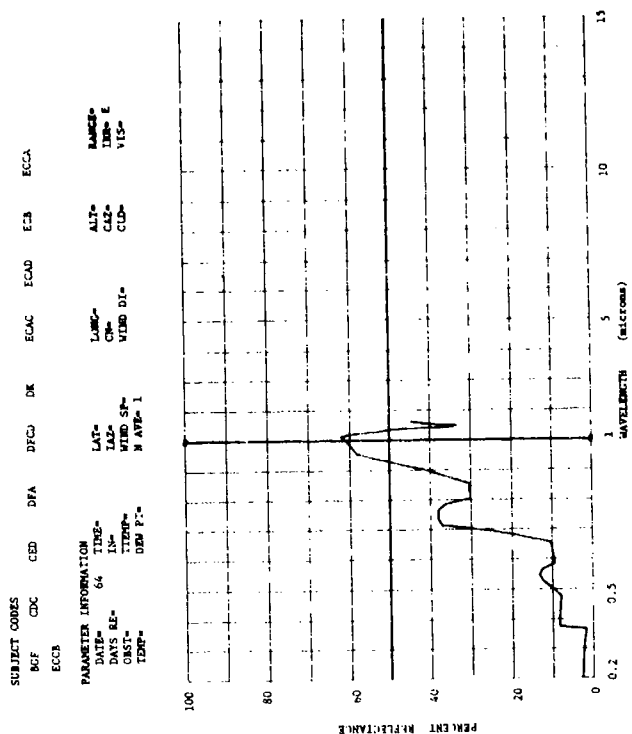


CONFIDENTIAL

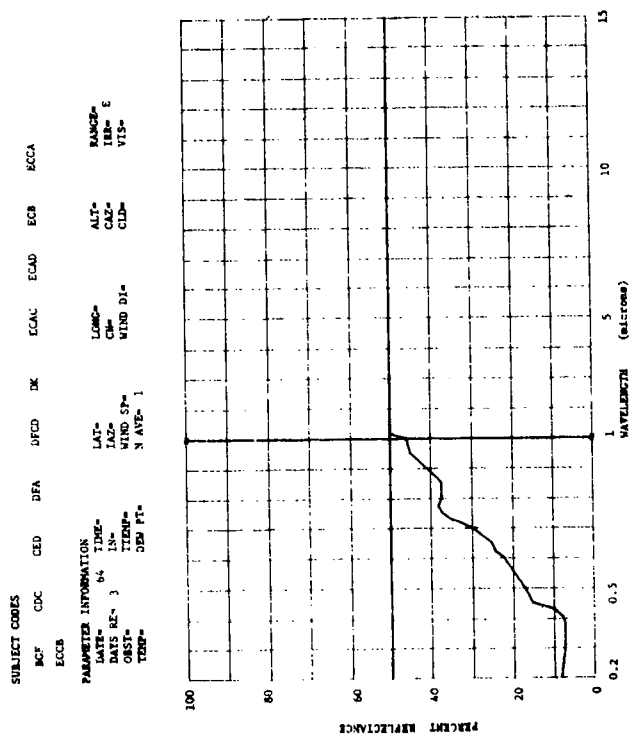
CONFIDENTIAL

W: 10

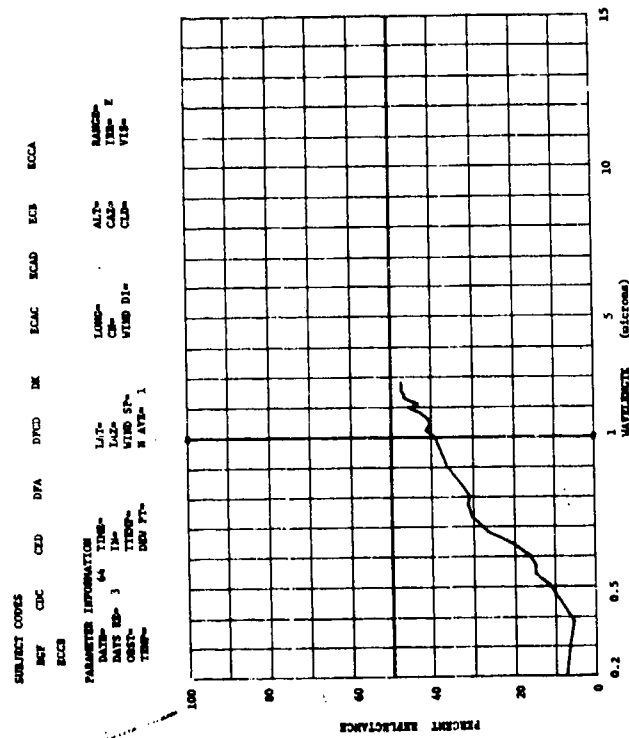
* 814004-109 Boston Fern, 3-8 Wrs. in Lab After Picking. (CONFIDENTIAL)



* 814004-108 Bleeding Heart, 3 Days in Weather After Picking. (CONFIDENTIAL)



* 814004-110 Boston Fern, 3 Days in Weather After Picking. (CONFIDENTIAL)



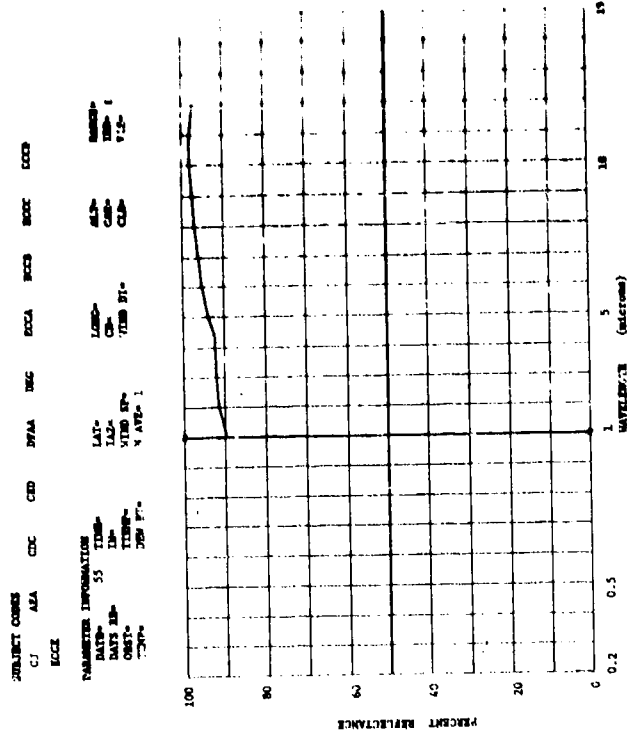
CONFIDENTIAL

BH
BACKGROUNDS
Water

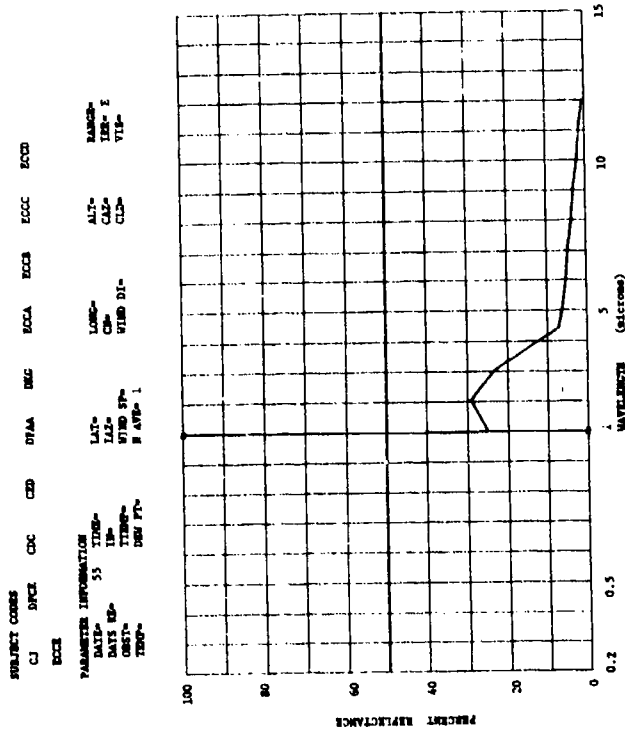
CJ
EQUIPMENT
Materials

CONFIDENTIAL

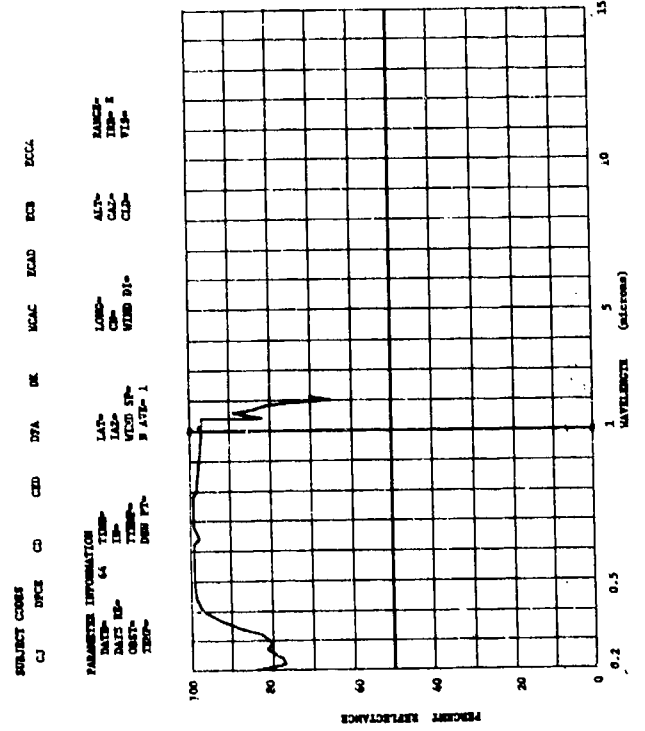
• B13501-020 Mirror, Superpolished Aluminum, On Glass. (CONFIDENTIAL)



• B13501-019 Magnesium Oxide. (CONFIDENTIAL)



• B14004-001 Magnesium Carbonate Working Standard Calibration. (CONFIDENTIAL)



CONFIDENTIAL

The left hand column is an alphabetical listing of materials, or where there are data in this compilation. The right hand column contains the chapters where these data may be found.

Subject	Reference Subject Code	Subject	Reference Subject Code
Airplane Cloth	Clothing AAKA	Iridate	Paint AEM
Alfalfa	Vegetation BG	Iron	Metal AEL
Aluminum	Aluminum AEA Equipment Materials CJ Paint AEM	Japanese Plum	Vegetation BG
Aluminum Foil	Aluminum AEA	Khaki	Clothing AAKA
Aluminum Mirror	Equipment Materials CJ	Lantana	Vegetation BG
Aluminum Paint	Paint AEM	Laquer	Paint AEM
Asphalt	Asphalt AEB	Lava	Soil BF
Avocado	Vegetation BG	Leaves	Vegetation BG
Avocado	Vegetation BG	Limestone	Soil BF
Basalt	Soil BF	Magnesium Carbonate	Equipment Materials CJ
Bleeding Heart	Vegetation BG	Magnesium Oxide	Equipment Materials CJ
Boston Fern	Vegetation BG	Marble	Soil BF
Brass	Metal AEL	Marine Green	Paint AEM
Brick	Brick AEC	Metal	Aluminum AEA Galvanized Steel AFI Metal AEL
Buna-N	Rubber AEP	Neoprene	Rubber AEP
Butyl	Rubber AEP	Oak	Vegetation BG
Camouflage	Clothing AAKA Paint AEM	Olive Drab	Clothing AAKA Paint AEM Plastic AEO Rubber AEP
Cement	Concrete AEG		
Ceramic	Tile AER	Ore	Soil BF
Charcoal	Wood AET	Pine	Vegetation BG
Chrome	Metal AEL	Plywood	Wood AET
Clay	Soil BF	Poplin	Clothing AAKA
Cloth	Clothing AAKA	Primer	Paint AEM
Clothing	Clothing AAKA Plastic AEO Rubber AEP	Punk	Vegetation BG
Concrete	Concrete AEG	Rice	Vegetation BG
Conifers	Vegetation BG	Roads	Asphalt AEB Concrete AEG Dirt AEM Tar AEO
Coral	Soil BF	Rock	Soil BF
Cotton	Clothing AAKA	Rubber	Rubber AEP
Cotton Duck	Clothing AAKA	Rust	Metal AEL
Dirt	Paint AEM Soil BF Wood AET	Sand	Soil BF Tar AEO
Dogwood	Vegetation BG	Sandy Loam	Soil BF
Elephant Ear	Vegetation BF	Shale	Soil BF
Enamel	Paint AEM	Silicone	Plastic AEO
Feldspar	Soil BF	Slag	Soil BF
Galvanized Steel	Galvanized Steel AEL	Snow	Water BH
Granite	Soil BF	Soil	Soil BF
Graphite	Soil BF	Steel	Metal AEL
Grass	Vegetation BG	Tanka	Paint AEM
Gravel	Tar AEO	Tar	Tar AEO
GR-5	Rubber AEP	Tin	Metal AEL

Subject	Reference Subject Code	Material	Reference Subject Code
Trunks	Paint ABM	Vegetation	Vegetation B.
Twigs	Vegetation BG	Vinyl	Plastic AB
Uniforms	Clothing AAKA	Woods	Vegetation B.
	Plastic ABO	Wood	Wood AET
	Rubber ABP	Wool	Clothing AAKA
Uranium	Soil BF		

AAKA CLOTHING, PERSONNEL, GROUND TARGETS, TARGETS

H-13501 C51	AAKA	1
B-13501 C61	AAKA	1
H-13501 C65	AAKA	1
B-13501 C73	AAKA	1
H-13501 C74	AAKA	2
B-13501 C75	AAKA	2
H-13501 C76	AAKA	2
B-13501 C77	AAKA	2
H-13501 C78	AAKA	3
B-13501 C79	AAKA	3
H-13501 C80	AAKA	3
B-13501 C81	AAKA	3
H-13501 C82	AAKA	4
B-13501 C83	AAKA	4
H-13501 C84	AAKA	4
B-13501 C85	AAKA	4
H-13501 C86	AAKA	5
B-13501 C87	AAKA	5
H-13501 C88	AAKA	5
B-14004 C86	AAKA	5
H-14004 C87	AAKA	6

AAKF TRUCKS, VEHICLES, GROUND TARGETS, TARGETS

B-13864 C08	AEM	2
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AEA ALUMINUM, MATERIALS, TARGETS

H-13501 C20	CJ	1
B-13501 C45	AEA	1
B-13546 C02	AEA	1

AEB ASPHALT, MATERIALS, TARGETS

B-13546 C08	AEB	1
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AEC BRICK, MATERIALS, TARGETS

B-13546 C01	AEC	1
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AEG CONCRETE, MATERIALS, TARGETS

H-13546 C04	AEG	1
B-14004 C13	AEG	1
B-14004 C14	AEG	1
B-14004 C15	AEG	1
H-14004 C17	AEG	2
B-14004 C19	AEG	2
H-14004 C55	AEG	2

AEM DIRT, MATERIALS, TARGETS

H-13564 C08	AEM	2
B-13546 C05	AEM	1
B-13546 C20	AEM	33
H-13546 C26	AET	2
H-14004 C08	AET	3

AEI GALVANIZED STEEL, MATERIALS, TARGETS

B-13501 C18	AEI	1
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AEL METAL, MATERIALS, TARGETS

B-13501 C01	AEM	18
H-13501 C02	AEM	18
B-13501 C03	AEM	18
H-13501 C04	AEM	18
B-13501 C05	AEM	19
H-13501 C06	AEM	35
B-13501 C07	AEM	19
B-13501 C08	AEM	36
H-13501 C09	AEM	13
B-13501 C10	AEM	36
H-13501 C11	AEM	36
B-13501 C12	AEM	37
H-13501 C13	AEM	1
B-13501 C14	AEM	19
H-13501 C15	AEM	13
B-13501 C16	AEM	1
H-13501 C17	AEM	1
B-13501 C28	AER	1
H-13501 C29	AER	1
B-13501 C30	AER	1
H-13501 C31	AER	1
B-13501 C32	AER	2
H-13501 C33	AER	2
B-13501 C34	AER	2
H-13501 C35	AER	2
B-13501 C36	AEM	1
H-13501 C37	AEM	2
B-13501 C38	AEL	1
H-13501 C39	AEL	1

B-13501 C40	AEL	1
B-13501 C41	AEL	1
B-13501 C42	AEL	2
H-13501 C43	AEL	2
B-13501 C44	AEL	2
B-13621 C01	AEM	19
B-13621 C02	AEM	20
B-13621 C03	AEM	20
B-13946 C06	AEL	2
B-13946 C07	AEM	11
B-13946 C09	AEM	33
B-13946 C20	AEM	33
B-13946 C21	AEM	37
B-13946 C22	AEM	36
B-13946 C23	AEM	33
B-13946 C30	AEM	33
B-14004 C03	AEM	34
B-14004 C05	AEL	3
H-14004 C59	AEL	3
B-14004 C77	AEM	12
H-14004 C78	AEM	12
B-14004 C79	AEM	13
B-14004 C80	AEM	17

AEM PAINT, MATERIALS, TARGETS

B-13501 C13	AEM	1
B-13501 C16	AEM	1
B-13501 C17	AEM	1
B-13501 C36	AEM	1
B-13501 C37	AEM	2
B-13864 C08	AEM	2
B-13864 C19	AEM	2
B-13864 C20	AEM	2
B-13864 C21	AEM	3
B-13864 C22	AEM	3
B-13864 C23	AEM	3
B-13864 C24	AEM	3
B-13864 C49	AEM	4
B-13864 C50	AEM	4
B-13864 C51	AEM	4
H-13864 C52	AEM	4
B-13864 C53	AEM	5
B-13864 C54	AEM	5
B-13864 C55	AEM	5
H-13864 C56	AEM	5
B-13864 C57	AEM	6
B-13864 C58	AEM	6
B-13864 C59	AEM	6
B-13864 C60	AEM	6
B-13864 C61	AEM	7
B-13864 C62	AEM	7
B-13864 C63	AEM	7
B-13864 C79	AEM	7
B-13864 C80	AEM	8
B-13864 C81	AEM	8
B-13864 C82	AEM	8
H-13864 C83	AEM	8
B-13864 C84	AEM	9
B-13864 C85	AEM	9
B-13864 C86	AEM	9
H-13864 C87	AEM	9
B-13864 C88	AEM	10
B-13864 C89	AEM	10
B-13864 C90	AEM	10
B-13864 C91	AEM	10
B-13946 C07	AEM	11
B-14004 C68	AEM	11
H-14004 C69	AEM	11
B-14004 C70	AEM	11
B-14004 C73	AEM	12
B-14004 C75	AEM	12
B-14004 C77	AEM	12
B-14004 C78	AEM	12
B-14004 C79	AEM	13

AEPA WHITE PIGMENTS, PAINT, MATERIALS, TARGETS

H-13501 C09	AEM	13
B-13501 C15	AEM	13
B-13864 C34	AEM	13
B-13864 C35	AEM	14
B-13864 C36	AEM	14
B-13864 C37	AEM	14
B-13864 C38	AEM	14
B-13864 C39	AEM	15
B-13864 C40	AEM	15
B-13864 C41	AEM	15

OF SOIL, BACKGROUND

		B-13946 C12	BF	1			B-14004 044	BG	7
		B-13946 C13	BF	1			B-14004 045	BG	8
		B-13946 C35	BF	2			B-14004 103	BG	8
							B-14004 104	BG	8
BPCA	SAND, COARSE-TEXTURED, SOIL, BACKGROUND					BGMA	DOGWOOD, DOGWOOD FAMILY, LIGNEOUS, VEGETATION, BACKGROUND		
		B-13864 C04	BF	1			B-14004 C32	BG	8
		B-13864 C09	BF	2			B-14004 C33	BG	9
		B-13946 C10	BF	2			B-14004 C35	BG	9
		B-13946 C19	BG	1			B-14004 C37	BG	9
		B-14004 C10	AEQ	1					
		B-14004 C23	BF	3		BGDM	HEATH FAMILY (CF. HERBACEOUS), LIGNEOUS, VEGETATION, BACKGROUND		
		B-14004 C28	BF	3			B-14004 C29	BG	9
BFC	MODERATELY COARSE-TEXTURED, SOIL, BACKGROUND						B-14004 C30	BG	10
		B-14004 C81	BF	3			B-14004 C31	BG	10
BPCA	SANDY LOAM, MODERATELY COARSE-TEXTURED, SOIL, BACKGROUND						B-14004 C99	BG	10
		B-13946 C34	BF	3			B-14004 100	BG	10
BFGC	CLAY, FINE-TEXTURED, SOIL, BACKGROUND					BGCP	LAUREL FAMILY, LIGNEOUS, VEGETATION, BACKGROUND		
		B-13946 C15	BF	4			B-14004 C22	BG	11
		B-14004 C62	BF	4			B-14004 C23	BG	11
BPH	OTHER CONSTITUENTS, SOIL, BACKGROUND						B-14004 C24	BG	11
		B-14004 C11	BF	4			B-14004 C25	BG	11
		B-14004 C12	BF	4			B-14004 C26	BG	12
		B-14004 C84	BF	5		BGDX	PINE FAMILY, LIGNEOUS, VEGETATION, BACKGROUND		
		B-14004 C85	BF	5			B-13864 C05	BG	12
		B-14004 C86	BF	5		BGEAG	PLUM, ROSE FAMILY, LIGNEOUS, VEGETATION, BACKGROUND		
		B-14004 C87	BF	5			B-14004 C38	BG	12
		B-14004 C89	BF	6			B-14004 C39	BG	12
		B-14004 C91	BF	6			B-14004 C40	BG	13
		B-14004 C92	BF	6		BGF	LEAF, VEGETATION, BACKGROUND		
		B-14004 C93	BF	6			B-13946 C16	BG	13
		B-14004 C94	BF	7			B-13946 C17	BG	1
		B-14004 C95	BF	7			B-13946 C18	BG	1
		B-14004 C96	BF	7			B-13946 C24	BG	13
BPHD	STONES (GREATER THAN 10 INCH DIAMETER), OTHER CONSTITUENTS, SOIL, BACKGROUND						B-13946 C32	BG	13
		B-14004 C61	BF	7			B-14004 C20	BG	6
		B-14004 C90	BF	8			B-14004 C21	BG	6
BGC	VASCULAR, HERBACEOUS, VEGETATION, BACKGROUND						B-14004 C27	BG	14
		B-13864 C06	BG	1			B-14004 C28	BG	14
		B-13946 C17	BG	1			B-14004 C46	BG	14
		B-13946 C18	BG	1			B-14004 C48	BG	3
		B-13946 C19	BG	1			B-14004 C49	BG	14
		B-13946 C25	BG	2			B-14004 C50	BG	15
		B-13946 C27	BG	2			B-14004 C52	BG	15
		B-13946 C29	BG	2			B-14004 C53	BG	3
		B-14004 C19	BG	2			B-14004 C63	BG	15
							B-14004 C64	BG	15
BGCA	BANANA FAMILY, VASCULAR, HERBACEOUS, VEGETATION, BACKGROUND						B-14004 C65	BG	16
		B-14004 C82	BF	2			B-14004 C66	BG	16
							B-14004 C67	BG	16
BGCM	RICE, GRASS FAMILY, VASCULAR, HERBACEOUS, VEGETATION, BACKGROUND						B-14004 C97	BG	16
		B-14004 C48	BG	3			B-14004 C98	BG	17
		B-14004 C53	BG	3			B-14004 C99	BG	10
		B-14004 C51	BG	3			B-14004 100	BG	10
		B-14004 C52	BG	3			B-14004 101	BG	3
							B-14004 102	BG	3
							B-14004 103	BG	8
BGCRA	ALFALFA, PEA (PULSE) FAMILY, HERBACEOUS, VASCULAR, VEGETATION, BACKGROUND						B-14004 104	BG	8
		B-13864 C07	BG	4			B-14004 105	BG	17
		B-13864 C10	BG	4			B-14004 106	BG	17
		B-13864 C11	BG	4			B-14004 107	BG	17
		B-13864 C12	BG	4			B-14004 108	BG	18
		B-13864 C13	BG	5			B-14004 109	BG	18
		B-13864 C14	BG	5			B-14004 110	BG	18
		B-13864 C15	BG	5		BGFBC	VENTRAL SIDE, BROAD, LEAF, VEGETATION, BACKGROUND		
		B-13864 C16	BG	5			B-14004 C25	BG	11
		B-13864 C17	BG	6			B-14004 C29	BG	9
		B-13864 C18	BG	6			B-14004 C32	BG	8
BGCBC	OAK, BEECH FAMILY, LIGNEOUS, VEGETATION, BACKGROUND						B-14004 C33	BG	9
		B-14004 C20	BG	6			B-14004 C38	BG	12
		B-14004 C21	BG	6			B-14004 C41	BG	7
		B-14004 C24	BG	11			B-14004 C43	BG	7
		B-14004 C41	BG	7			B-14004 C44	BG	7
		B-14004 C42	BG	7		BGFB	DORSAL SIDE, BROAD, LEAF, VEGETATION, BACKGROUND		
		B-14004 C43	BG	7			B-14004 C22	BG	11
							B-14004 C23	BG	11

B-14004 C26	BG	12
B-14004 C30	BG	10
B-14004 C31	BG	10
B-14004 C35	PG	9
B-14004 C37	BG	9
B-14004 C39	BG	12
B-14004 C40	BG	13
B-14004 C42	BG	7
B-14004 C45	BG	8
BGFF DRY, LEAF, VEGETATION, BACKGROUND		
B-14004 C19	BG	2
BGM TWIG, VEGETATION, BACKGROUND		
B-13946 C18	BG	1
BMBD SNOW, STATE, WATER, BACKGROUND		
B-13946 C31	BH	1
CD SPECTROMETER, EQUIPMENT		
B-13621 C01	AEM	19
B-13621 C02	AEM	20
B-13621 C03	AEM	20
B-13946 C01	AEC	1
B-13946 C02	AEA	1
B-13946 C03	AEQ	1
B-13946 C04	AEQ	1
B-13946 C05	AEM	1
B-13946 C06	AEL	2
B-13946 C07	AEM	11
B-13946 C08	AEB	1
B-13946 C09	AEM	33
B-13946 C10	BF	2
B-13946 C11	BF	1
B-13946 C12	BF	1
B-13946 C13	BF	1
B-13946 C15	BF	4
B-13946 C16	BG	13
B-13946 C17	BG	1
B-13946 C18	BG	1
B-13946 C19	BG	1
B-13946 C20	AEM	33
B-13946 C27	BG	2
B-13946 C29	BG	2
B-13946 C30	AEM	33
B-13946 C31	BH	1
B-13946 C32	BG	13
B-13946 C34	BF	3
B-13946 C35	BF	2
B-14004 C01	CJ	1
B-14004 C54	AEM	34
B-14004 C55	AEQ	2
B-14004 C56	AEQ	1
B-14004 C57	AET	3
B-14004 C58	AET	3
B-14004 C59	AEL	3
B-14004 C60	AET	4
B-14004 C61	BF	7
B-14004 C62	BF	4
B-14004 C68	AEM	11
B-14004 C69	AEM	11
B-14004 C70	AEM	11
B-14004 C71	AEM	35
B-14004 C72	AEM	17
B-14004 C73	AEM	12
B-14004 C74	AEM	35
B-14004 C75	AEM	12
B-14004 C76	AEM	35
B-14004 C77	AEM	12
B-14004 C78	AEM	12
B-14004 C79	AEM	13
B-14004 C80	AEM	17
CDC PERKIN-ELMER, SPECTROMETER, EQUIPMENT		
B-13501 C01	AEM	18
B-13501 C02	AEM	18
B-13501 C03	AEM	18
B-13501 C04	AEM	18
B-13501 C05	AEM	19
B-13501 C06	AEM	35
B-13501 C07	AEM	19
B-13501 C08	AEM	36
B-13501 C09	AEM	13
B-13501 C10	AEM	36
B-13501 C11	AEM	36
B-13501 C12	AEM	37
B-13501 C13	AEM	1
B-13501 C14	AEM	19
B-13501 C15	AEM	13

B-13501 C16	AEM	1
B-13501 C17	AEM	1
B-13501 C18	AEL	1
B-13501 C19	CJ	1
B-13501 C20	CJ	1
B-13501 C21	AET	1
B-13501 C22	AET	1
B-13501 C23	AET	1
B-13501 C24	AET	1
B-13501 C25	AET	2
B-13501 C26	AET	2
B-13501 C27	AET	2
B-13501 C28	AER	1
B-13501 C29	AER	1
B-13501 C30	AER	1
B-13501 C31	AER	1
B-13501 C32	AER	2
B-13501 C33	AER	2
B-13501 C34	AER	2
B-13501 C35	AER	2
B-13501 C36	AEM	1
B-13501 C37	AEM	2
B-13501 C38	AEL	1
B-13501 C39	AEL	1
B-13501 C40	AEL	1
B-13501 C41	AEL	1
B-13501 C42	AEL	2
B-13501 C43	AEL	2
B-13501 C44	AEL	2
B-13501 C45	AEA	1
B-13501 C46	AEO	1
B-13501 C47	AEO	1
B-13501 C48	AEO	1
B-13501 C49	AEO	1
B-13501 C50	AEP	1
B-13501 C51	AAKA	1
B-13501 C52	AEP	1
B-13501 C53	AEP	1
B-13501 C54	AEP	1
B-13501 C55	AEP	2
B-13501 C56	AEP	2
B-13501 C57	AEP	2
B-13501 C58	AEP	2
B-13501 C59	AEO	2
B-13501 C60	AEO	2
B-13501 C61	AAKA	1
B-13501 C62	AEP	3
B-13501 C63	AEP	3
B-13501 C64	AEP	3
B-13501 C65	AAKA	1
B-13501 C66	AEP	3
B-13501 C67	AEP	4
B-13501 C68	AEP	4
B-13501 C69	AEP	4
B-13501 C70	AEO	2
B-13501 C71	AEP	4
B-13501 C72	AEO	2
B-13501 C73	AAKA	1
B-13501 C74	AAKA	2
B-13501 C75	AAKA	2
B-13501 C76	AAKA	2
B-13501 C77	AAKA	2
B-13501 C78	AAKA	3
B-13501 C79	AAKA	3
B-13501 C80	AAKA	3
B-13501 C81	AAKA	3
B-13501 C82	AAKA	4
B-13501 C83	AAKA	4
B-13501 C84	AAKA	4
B-13501 C85	AAKA	4
B-13501 C86	AAKA	5
B-13501 C87	AAKA	5
B-13501 C88	AAKA	5
B-13501 C89	AEP	5
B-13946 C21	AEM	37
B-13946 C22	AEM	36
B-13946 C23	AEM	33
B-13946 C24	BG	13
B-13946 C25	BG	2
B-13946 C26	AET	2
B-14004 C02	AEM	34
B-14004 C03	AEM	34
B-14004 C04	AEM	34
B-14004 C05	AEL	3
B-14004 C06	AAKA	5
B-14004 C07	AAKA	6
B-14004 C08	AET	3
B-14004 C09	AET	3
B-14004 C10	AEQ	1

B-14004	C11	BF	4
B-14004	C12	BF	4
B-14004	C13	ABG	1
B-14004	C14	ABG	1
B-14004	C15	ABG	1
B-14004	C17	ABG	2
B-14004	C18	ABG	2
B-14004	C19	BG	2
B-14004	C20	BG	6
B-14004	C21	BG	6
B-14004	C22	BG	11
B-14004	C23	BG	11
B-14004	C24	BG	11
B-14004	C25	BG	11
B-14004	C26	BG	12
B-14004	C27	BG	14
B-14004	C28	BG	14
B-14004	C29	BG	9
B-14004	C30	BG	10
B-14004	C31	BG	10
B-14004	C32	BG	8
B-14004	C33	BG	9
B-14004	C35	BG	9
B-14004	C37	BG	9
B-14004	C38	BG	12
B-14004	C39	BG	12
B-14004	C40	BG	13
B-14004	C41	BG	7
B-14004	C42	BG	7
B-14004	C43	BG	7
B-14004	C44	BG	7
B-14004	C45	BG	8
B-14004	C46	BG	14
B-14004	C48	BG	3
B-14004	C49	BG	14
B-14004	C50	BG	15
B-14004	C52	BG	15
B-14004	C53	BG	3
B-14004	C63	BG	15
B-14004	C64	BG	15
B-14004	C65	BG	16
B-14004	C66	BG	16
B-14004	C67	BG	16
B-14004	C81	BF	3
B-14004	C82	BF	2
B-14004	C83	BF	3
B-14004	C84	BF	5
B-14004	C85	BF	5
B-14004	C86	BF	5
B-14004	C87	BF	5
B-14004	C88	BF	3
B-14004	C89	BF	6
B-14004	C90	BF	8
B-14004	C91	BF	6
B-14004	C92	BF	6
B-14004	C93	BF	6
B-14004	C94	BF	7
B-14004	C95	BF	7
B-14004	C96	BF	7
B-14004	C97	BG	16
B-14004	C98	BG	17
B-14004	C99	BG	10
B-14004	C100	BG	10
B-14004	C101	BG	3
B-14004	C102	BG	3
B-14004	C103	BG	8
B-14004	C104	BG	8
B-14004	C105	BG	17
B-14004	C106	BG	17
B-14004	C107	BG	17
B-14004	C108	BG	18
B-14004	C109	BG	18
B-14004	C110	BG	18

CEC	GROUND, PLATFORM, EQUIPMENT	
B-13864	CC1	AEM 20
B-13864	CC2	AEM 20
B-13864	CC3	AEM 21
B-13864	CC4	BF 1
B-13864	CC5	BG 12
B-13864	CC6	BG 1
B-13864	CC7	BG 4
B-13864	CC8	AEM 2
B-13864	CC9	BF 2
B-13864	CC10	BG 4
B-13864	CC11	BG 4
B-13864	CC12	BG 4
B-13864	CC13	BG 5
B-13864	CC14	BG 5

B-13864	CC15	BG	5
B-13864	CC16	BG	5
B-13864	CC17	BG	6
B-13864	CC18	BG	6
B-13864	CC19	BG	2
B-13864	CC20	BG	2
B-13864	CC21	AEM	33
B-13864	CC22	BM	1
B-13864	CC23	BG	13
B-13864	CC24	BF	3
B-13864	CC25	BF	2

CEC LABORATORY, PLATFORM, EQUIPMENT

B-13501	CC1	AEM	18
B-13501	CC2	AEM	18
B-13501	CC3	AEM	18
B-13501	CC4	AEM	18
B-13501	CC5	AEM	19
B-13501	CC6	AEM	33
B-13501	CC7	AEM	19
B-13501	CC8	AEM	36
B-13501	CC9	AEM	13
B-13501	CC10	AEM	36
B-13501	CC11	AEM	36
B-13501	CC12	AEM	37
B-13501	CC13	AEM	1
B-13501	CC14	AEM	19
B-13501	CC15	AEM	13
B-13501	CC16	AEM	1
B-13501	CC17	AEM	1
B-13501	CC18	AEM	1
B-13501	CC19	CJ	1
B-13501	CC20	CJ	1
B-13501	CC21	AET	1
B-13501	CC22	AET	1
B-13501	CC23	AET	1
B-13501	CC24	AET	1
B-13501	CC25	AET	2
B-13501	CC26	AET	2
B-13501	CC27	AET	2
B-13501	CC28	AER	1
B-13501	CC29	AER	1
B-13501	CC30	AER	1
B-13501	CC31	AER	1
B-13501	CC32	AER	2
B-13501	CC33	AER	2
B-13501	CC34	AER	2
B-13501	CC35	AER	2
B-13501	CC36	AEM	1
B-13501	CC37	AEM	2
B-13501	CC38	AEL	1
B-13501	CC39	AEL	1
B-13501	CC40	AEL	1
B-13501	CC41	AEL	1
B-13501	CC42	AEL	2
B-13501	CC43	AEL	2
B-13501	CC44	AEL	2
B-13501	CC45	AEL	1
B-13501	CC46	AEO	1
B-13501	CC47	AEO	1
B-13501	CC48	AEO	1
B-13501	CC49	AEO	1
B-13501	CC50	AEP	1
B-13501	CC51	AAKA	1
B-13501	CC52	AEP	1
B-13501	CC53	AEP	1
B-13501	CC54	AEP	1
B-13501	CC55	AEP	2
B-13501	CC56	AEP	2
B-13501	CC57	AEP	2
B-13501	CC58	AEP	2
B-13501	CC59	AEO	2
B-13501	CC60	AEO	2
B-13501	CC61	AAKA	1
B-13501	CC62	AEP	3
B-13501	CC63	AEP	3
B-13501	CC64	ALP	3
B-13501	CC65	AAKA	1
B-13501	CC66	AEP	3
B-13501	CC67	AEP	4
B-13501	CC68	AEP	4
B-13501	CC69	AEP	4
B-13501	CC70	AFO	2
B-13501	CC71	AEP	4
B-13501	CC72	AFO	2
B-13501	CC73	AAKA	1
B-13501	CC74	AAKA	2
B-13501	CC75	AAKA	2
B-13501	CC76	AAKA	2

0-13501 077	AAKA	2
0-13501 078	AAKA	3
0-13501 079	AAKA	3
0-13501 080	AAKA	3
0-13501 081	AAKA	3
0-13501 082	AAKA	4
0-13501 083	AAKA	4
0-13501 084	AAKA	4
0-13501 085	AAKA	4
0-13501 086	AAKA	5
0-13501 087	AAKA	5
0-13501 088	AAKA	5
0-13501 089	AEP	5
0-13621 001	AEM	19
0-13621 002	AEM	20
0-13621 003	AEM	20
0-13664 019	AEM	2
0-13664 020	AEM	2
0-13664 021	AEM	3
0-13664 022	AEM	3
0-13664 023	AEM	3
0-13664 024	AEM	3
0-13664 025	AEM	21
0-13664 026	AEM	21
0-13664 027	AEM	21
0-13664 028	AEM	22
0-13664 029	AEM	22
0-13664 030	AEM	22
0-13664 031	AEM	22
0-13664 032	AEM	23
0-13664 033	AEM	23
0-13664 034	AEM	13
0-13664 035	AEM	14
0-13664 036	AEM	14
0-13664 037	AEM	14
0-13664 038	AEM	14
0-13664 039	AEM	15
0-13664 040	AEM	15
0-13664 041	AEM	15
0-13664 042	AEM	15
0-13664 043	AEM	16
0-13664 044	AEM	16
0-13664 045	AEM	16
0-13664 046	AEM	16
0-13664 047	AEM	17
0-13664 048	AEM	17
0-13664 049	AEM	4
0-13664 050	AEM	4
0-13664 051	AEM	4
0-13664 052	AEM	4
0-13664 053	AEM	5
0-13664 054	AEM	5
0-13664 055	AEM	5
0-13664 056	AEM	5
0-13664 057	AEM	6
0-13664 058	AEM	6
0-13664 059	AEM	6
0-13664 060	AEM	6
0-13664 061	AEM	7
0-13664 062	AEM	7
0-13664 063	AEM	7
0-13664 064	AEM	23
0-13664 065	AEM	23
0-13664 066	AEM	24
0-13664 067	AEM	24
0-13664 068	AEM	24
0-13664 069	AEM	24
0-13664 070	AEM	25
0-13664 071	AEM	25
0-13664 072	AEM	25
0-13664 073	AEM	25
0-13664 074	AEM	26
0-13664 075	AEM	26
0-13664 076	AEM	26
0-13664 077	AEM	26
0-13664 078	AEM	27
0-13664 079	AEM	7
0-13664 080	AEM	8
0-13664 081	AEM	8
0-13664 082	AEM	8
0-13664 083	AEM	8
0-13664 084	AEM	9
0-13664 085	AEM	9
0-13664 086	AEM	9
0-13664 087	AEM	9
0-13664 088	AEM	10
0-13664 089	AEM	10
0-13664 090	AEM	10
0-13664 091	AEM	10

0-13664 092	AEM	27
0-13664 093	AEM	27
0-13664 094	AEM	27
0-13664 095	AEM	28
0-13664 096	AEM	28
0-13664 097	AEM	28
0-13664 098	AEM	28
0-13664 099	AEM	29
0-13664 100	AEM	29
0-13664 101	AEM	29
0-13664 102	AEM	29
0-13664 103	AEM	30
0-13664 104	AEM	30
0-13664 105	AEM	30
0-13664 106	AEM	30
0-13664 107	AEM	31
0-13664 108	AEM	31
0-13664 109	AEM	31
0-13664 110	AEM	31
0-13664 111	AEM	32
0-13664 112	AEM	32
0-13664 113	AEM	32
0-13664 114	AEM	32
0-13946 001	AEC	1
0-13946 002	AEA	1
0-13946 003	AEG	1
0-13946 004	AEG	1
0-13946 005	AEM	1
0-13946 006	ARL	2
0-13946 007	AEM	11
0-13946 008	AEB	1
0-13946 009	AEM	33
0-13946 010	BF	2
0-13946 011	BF	1
0-13946 012	BF	1
0-13946 013	BF	1
0-13946 015	BF	4
0-13946 016	BC	13
0-13946 017	BC	1
0-13946 018	BC	1
0-13946 019	BC	1
0-13946 020	AEM	33
0-13946 021	AEM	37
0-13946 022	AEM	36
0-13946 023	AEM	33
0-13946 024	BC	13
0-13946 025	BC	2
0-13946 026	AET	2
0-14004 001	CJ	1
0-14004 002	AEM	34
0-14004 003	AEM	34
0-14004 004	AEM	34
0-14004 005	ARL	3
0-14004 006	AAKA	5
0-14004 007	AAKA	6
0-14004 008	AET	3
0-14004 009	AET	3
0-14004 010	AEG	1
0-14004 011	BF	4
0-14004 012	BF	4
0-14004 013	AEG	1
0-14004 014	AEG	1
0-14004 015	AEG	1
0-14004 017	AEG	2
0-14004 018	AEG	2
0-14004 019	BC	2
0-14004 020	BC	6
0-14004 021	BC	6
0-14004 022	BC	11
0-14004 023	BC	11
0-14004 024	BC	11
0-14004 025	BC	11
0-14004 026	BC	12
0-14004 027	BC	14
0-14004 028	BC	14
0-14004 029	BC	9
0-14004 030	BC	10
0-14004 031	BC	10
0-14004 032	BC	8
0-14004 033	BC	9
0-14004 035	BC	9
0-14004 037	BC	9
0-14004 038	BC	12
0-14004 039	BC	12
0-14004 040	BC	13
0-14004 041	BC	7
0-14004 042	BC	7
0-14004 043	BC	7
0-14004 044	BC	7

B-14004 C45	BG	8
B-14004 C46	BG	14
B-14004 C48	BG	3
B-14004 C49	BG	14
B-14004 C50	BG	15
B-14004 C52	BG	15
B-14004 C53	BG	3
B-14004 C54	AEM	34
B-14004 C55	ABQ	2
B-14004 C56	ABQ	1
B-14004 C57	AKT	3
B-14004 C58	AKT	3
B-14004 C59	AKL	3
B-14004 C60	AKT	4
B-14004 C61	BF	7
B-14004 C62	BF	4
B-14004 C63	BG	15
B-14004 C64	BG	15
B-14004 C65	BG	16
B-14004 C66	BG	16
B-14004 C67	BG	16
B-14004 C68	AEM	11
B-14004 C69	AEM	11
B-14004 C70	AEM	11
B-14004 C71	AEM	35
B-14004 C72	AEM	17
B-14004 C73	AEM	12
B-14004 C74	AEM	35
B-14004 C75	AEM	12
B-14004 C76	AEM	35
B-14004 C77	AEM	12
B-14004 C78	AEM	12
B-14004 C79	AEM	13
B-14004 C80	AEM	17
B-14004 C81	BF	3
B-14004 C82	BF	2
B-14004 C83	BF	3
B-14004 C84	BF	5
B-14004 C85	BF	5
B-14004 C86	BF	5
B-14004 C87	BF	5
B-14004 C88	BF	3
B-14004 C89	BF	6
B-14004 C90	BF	8
B-14004 C91	BF	6
B-14004 C92	BF	6
B-14004 C93	BF	6
B-14004 C94	BF	7
B-14004 C95	BF	7
B-14004 C96	BF	7
B-14004 C97	BG	16
B-14004 C98	BG	17
B-14004 C99	BG	10
B-14004 C100	BG	10
B-14004 C101	BG	3
B-14004 C102	BG	3
B-14004 C103	BG	8
B-14004 C104	BG	8
B-14004 C105	BG	17
B-14004 C106	BG	17
B-14004 C107	BG	17
B-14004 C108	BG	18
B-14004 C109	BG	18
B-14004 C110	BG	18

CJ	MATERIALS, EQUIPMENT		
B-13501 C19	CJ	1	
B-13501 C20	CJ	1	
B-14004 C11	CJ	1	

DDSC	LINEAR, OPTICAL, POLARIZATION, RADIATION		
B-13864 C01	AEM	20	
B-13864 C02	AEM	20	
B-13864 C03	AEM	21	
B-13864 C04	BF	1	
B-13864 C05	BG	12	
B-13864 C06	BG	1	
B-13864 C07	BG	4	
B-13864 C08	AEM	2	
B-13864 C09	BF	2	
B-13864 C10	BG	4	
B-13864 C11	BG	4	
B-13864 C12	BG	4	
B-13864 C13	BG	5	
B-13864 C14	BG	5	
B-13864 C15	BG	5	
B-13864 C16	BG	5	
B-13864 C17	BG	6	
B-13864 C18	BG	6	

B-13864 C19	AEM	2
B-13864 C20	AEM	2
B-13864 C21	AEM	3
B-13864 C22	AEM	3
B-13864 C23	AEM	3
B-13864 C24	AEM	3
B-13864 C25	AEM	21
B-13864 C26	AEM	21
B-13864 C27	AEM	21
B-13864 C28	AEM	22
B-13864 C29	AEM	22
B-13864 C30	AEM	22
B-13864 C31	AEM	22
B-13864 C32	AEM	23
B-13864 C33	AEM	23
B-13864 C34	AEM	13
B-13864 C35	AEM	14
B-13864 C36	AEM	14
B-13864 C37	AEM	14
B-13864 C38	AEM	14
B-13864 C39	AEM	15
B-13864 C40	AEM	15
B-13864 C41	AEM	15
B-13864 C42	AEM	15
B-13864 C43	AEM	16
B-13864 C44	AEM	16
B-13864 C45	AEM	16
B-13864 C46	AEM	16
B-13864 C47	AEM	17
B-13864 C48	AEM	17
B-13864 C49	AEM	4
B-13864 C50	AEM	4
B-13864 C51	AEM	4
B-13864 C52	AEM	4
B-13864 C53	AEM	5
B-13864 C54	AEM	5
B-13864 C55	AEM	5
B-13864 C56	AEM	5
B-13864 C57	AEM	6
B-13864 C58	AEM	6
B-13864 C59	AEM	6
B-13864 C60	AEM	6
B-13864 C61	AEM	7
B-13864 C62	AEM	7
B-13864 C63	AEM	7
B-13864 C64	AEM	23
B-13864 C65	AEM	23
B-13864 C66	AEM	24
B-13864 C67	AEM	24
B-13864 C68	AEM	24
B-13864 C69	AEM	24
B-13864 C70	AEM	25
B-13864 C71	AEM	25
B-13864 C72	AEM	25
B-13864 C73	AEM	25
B-13864 C74	AEM	26
B-13864 C75	AEM	26
B-13864 C76	AEM	26
B-13864 C77	AEM	26
B-13864 C78	AEM	27
B-13864 C79	AEM	7
B-13864 C80	AEM	8
B-13864 C81	AEM	8
B-13864 C82	AEM	8
B-13864 C83	AEM	8
B-13864 C84	AEM	9
B-13864 C85	AEM	9
B-13864 C86	AEM	9
B-13864 C87	AEM	9
B-13864 C88	AEM	10
B-13864 C89	AEM	10
B-13864 C90	AEM	10
B-13864 C91	AEM	10
B-13864 C92	AEM	27
B-13864 C93	AEM	27
B-13864 C94	AEM	27
B-13864 C95	AEM	28
B-13864 C96	AEM	28
B-13864 C97	AEM	28
B-13864 C98	AEM	28
B-13864 C99	AEM	29
B-13864 C100	AEM	29
B-13864 C101	AEM	29
B-13864 C102	AEM	29
B-13864 C103	AEM	30
B-13864 C104	AEM	30
B-13864 C105	AEM	30
B-13864 C106	AEM	30
B-13864 C107	AEM	31

0-13864	108	AEM	31
0-13864	109	AEM	31
0-13864	110	AEM	31
0-13864	111	AEM	32
0-13864	112	AEM	32
0-13864	113	AEM	32
0-13864	114	AEM	32

DFA DIRECTIONAL, REFLECTANCE, RADIATION

0-13946	001	AEG	1
0-13946	002	AEA	1
0-13946	003	AEG	1
0-13946	004	AEG	1
0-13946	005	AEM	1
0-13946	006	AEL	2
0-13946	007	AEM	11
0-13946	008	AEB	1
0-13946	009	AEM	33
0-13946	010	BF	2
0-13946	011	BF	1
0-13946	012	BF	1
0-13946	013	BF	1
0-13946	015	BF	4
0-13946	016	BG	13
0-13946	017	BG	1
0-13946	018	BG	1
0-13946	019	BG	1
0-13946	020	AEM	33
0-13946	027	BG	2
0-13946	029	BG	2
0-13946	030	AEM	33
0-13946	031	BH	1
0-13946	032	BG	13
0-13946	034	BF	3
0-13946	035	BF	2
0-14004	001	CJ	1
0-14004	054	AEM	34
0-14004	055	AEG	2
0-14004	056	AEG	1
0-14004	057	AET	3
0-14004	058	AET	3
0-14004	059	AEL	3
0-14004	060	AET	4
0-14004	061	BF	7
0-14004	062	BF	4
0-14004	063	BG	15
0-14004	064	BG	15
0-14004	065	BG	16
0-14004	066	BG	16
0-14004	067	BG	16
0-14004	068	BF	3
0-14004	069	BF	2
0-14004	070	BF	3
0-14004	081	BF	5
0-14004	082	BF	5
0-14004	083	BF	5
0-14004	084	BF	5
0-14004	085	BF	5
0-14004	086	BF	5
0-14004	087	BF	5
0-14004	088	BF	3
0-14004	089	BF	6
0-14004	090	BF	8
0-14004	091	BF	6
0-14004	092	BF	6
0-14004	093	BF	6
0-14004	094	BF	7
0-14004	095	BF	7
0-14004	096	BF	7
0-14004	097	BG	16
0-14004	098	BG	17
0-14004	099	BG	10
0-14004	100	BG	10
0-14004	101	BG	3
0-14004	102	BG	3
0-14004	103	BG	8
0-14004	104	BG	8
0-14004	105	BG	17
0-14004	106	BG	17
0-14004	107	BG	17
0-14004	108	BG	18
0-14004	109	BG	18
0-14004	110	BG	18

CFAA SPECULAR INCLUDED, DIFFUSE, REFLECTANCE, RADIATION

0-13501	001	AEM	18
0-13501	002	AEM	18
0-13501	003	AEM	18
0-13501	004	AEM	18
0-13501	005	AEM	19
0-13501	006	AEM	33

0-13501	007	AEM	19
0-13501	008	AEM	36
0-13501	009	AEM	13
0-13501	010	AEM	36
0-13501	011	AEM	36
0-13501	012	AEM	37
0-13501	013	AEM	1
0-13501	014	AEM	19
0-13501	015	AEM	13
0-13501	016	AEM	1
0-13501	017	AEM	1
0-13501	018	AEL	1
0-13501	019	CJ	1
0-13501	020	CJ	1
0-13501	021	AET	1
0-13501	022	AET	1
0-13501	023	AET	1
0-13501	024	AET	1
0-13501	025	AET	2
0-13501	026	AET	2
0-13501	027	AET	2
0-13501	028	AER	1
0-13501	029	AER	1
0-13501	030	AER	1
0-13501	031	AER	1
0-13501	032	AER	2
0-13501	033	AER	2
0-13501	034	AER	2
0-13501	035	AER	2
0-13501	036	AEM	1
0-13501	037	AEM	2
0-13501	038	AEL	1
0-13501	039	AEL	1
0-13501	040	AEL	1
0-13501	041	AEL	1
0-13501	042	AEL	2
0-13501	043	AEL	2
0-13501	044	AEL	2
0-13501	045	AEA	1
0-13501	046	AEO	1
0-13501	047	AEO	1
0-13501	048	AEO	1
0-13501	049	AEO	1
0-13501	050	AEP	1
0-13501	051	AAKA	1
0-13501	052	AEP	1
0-13501	053	AEP	1
0-13501	054	AEP	1
0-13501	055	AEP	2
0-13501	056	AEP	2
0-13501	057	AEP	2
0-13501	058	AEP	2
0-13501	059	AEO	2
0-13501	060	AEO	2
0-13501	061	AAKA	1
0-13501	062	AEP	3
0-13501	063	AEP	3
0-13501	064	AEP	3
0-13501	065	AAKA	1
0-13501	066	AEP	3
0-13501	067	AEP	4
0-13501	068	AEP	4
0-13501	069	AEP	4
0-13501	070	AEO	2
0-13501	071	AEP	4
0-13501	072	AEO	2
0-13501	073	AAKA	1
0-13501	074	AAKA	2
0-13501	075	AAKA	2
0-13501	076	AAKA	2
0-13501	077	AAKA	2
0-13501	078	AAKA	3
0-13501	079	AAKA	3
0-13501	080	AAKA	3
0-13501	081	AAKA	3
0-13501	082	AAKA	4
0-13501	083	AAKA	4
0-13501	084	AAKA	4
0-13501	085	AAKA	4
0-13501	086	AAKA	5
0-13501	087	AAKA	5
0-13501	088	AAKA	5
0-13501	089	AEP	5
0-13946	021	AEM	36
0-13946	022	AEM	36
0-13946	023	AEM	33
0-13946	024	BG	13
0-13946	025	BG	2
0-13946	026	AET	2
0-14004	002	AEM	34

B-14004	C03	ARM	34
B-14004	C04	ARM	34
B-14004	C05	ARM	3
B-14004	C06	AAKA	5
B-14004	C07	AAKA	6
B-14004	C08	ART	3
B-14004	C09	ART	3
B-14004	C10	AEQ	1
B-14004	C11	BF	4
B-14004	C12	BF	4
B-14004	C13	ARG	1
B-14004	C14	ARG	1
B-14004	C15	ARG	1
B-14004	C17	ARG	2
B-14004	C18	ARG	2
B-14004	C19	BC	2
B-14004	C20	BC	6
B-14004	C21	BC	6
B-14004	C22	BC	11
B-14004	C23	BC	11
B-14004	C24	BC	11
B-14004	C25	BC	11
B-14004	C26	BC	12
B-14004	C27	BC	14
B-14004	C28	BC	14
B-14004	C29	BC	9
B-14004	C30	BC	10
B-14004	C31	BC	10
B-14004	C32	BC	8
B-14004	C33	BC	9
B-14004	C35	BC	9
B-14004	C37	BC	9
B-14004	C38	BC	12
B-14004	C39	BC	12
B-14004	C40	BC	13
B-14004	C41	BC	7
B-14004	C42	BC	7
B-14004	C43	BC	7
B-14004	C44	BC	7
B-14004	C45	BC	8
B-14004	C46	BC	14
B-14004	C48	BC	3
B-14004	C49	BC	14
B-14004	C50	BC	15
B-14004	C52	BC	15
B-14004	C53	BC	3

OFAB SPECULAR NOT INCLUDED, DIFFUSE, REFLECTANCE, RADIATION

B-14004	C68	ARM	11
B-14004	C69	ARM	11
B-14004	C70	ARM	11
B-14004	C71	ARM	35
B-14004	C72	ARM	17
B-14004	C73	ARM	12
B-14004	C74	ARM	35
B-14004	C75	ARM	12
B-14004	C76	ARM	35
B-14004	C77	ARM	12
B-14004	C78	ARM	12
B-14004	C79	ARM	13
B-14004	C80	ARM	17

DFC STANDARD, REFLECTANCE, RADIATION

B-13946	C01	AEC	1
B-13946	C02	ARA	1
B-13946	C03	AEQ	1
B-13946	C04	AEC	1
B-13946	C05	AEM	1
B-13946	C06	AEL	2
B-13946	C07	ATM	11
B-13946	C08	ARM	1
B-13946	C09	ARM	33
B-13946	C10	BF	2
B-13946	C11	BF	1
B-13946	C12	BF	1
B-13946	C15	BF	4
B-13946	C16	BC	13
B-13946	C17	BC	1
B-13946	C18	BC	1
B-13946	C19	BC	1
B-13946	C20	ARM	33

DFCD MAGNESIUM CARBONATE, STANDARD, REFLECTANCE, RADIATION

B-13946	C21	ARM	37
B-13946	C22	ARM	36
B-13946	C23	ARM	33
B-13946	C24	BC	13

B-13946	C25	BC	2
B-13946	C26	ART	2
B-14004	C02	ARM	34
B-14004	C03	ARM	34
B-14004	C04	ARM	34
B-14004	C05	ARM	3
B-14004	C06	AAKA	5
B-14004	C07	AAKA	6
B-14004	C08	ART	3
B-14004	C09	ART	3
B-14004	C10	AEQ	1
B-14004	C11	BF	4
B-14004	C12	BF	4
B-14004	C13	ARG	1
B-14004	C14	ARG	1
B-14004	C15	ARG	1
B-14004	C17	ARG	2
B-14004	C18	ARG	2
B-14004	C19	BC	2
B-14004	C20	BC	6
B-14004	C21	BC	6
B-14004	C22	BC	11
B-14004	C23	BC	11
B-14004	C24	BC	11
B-14004	C25	BC	11
B-14004	C26	BC	12
B-14004	C27	BC	14
B-14004	C28	BC	14
B-14004	C29	BC	9
B-14004	C30	BC	10
B-14004	C31	BC	10
B-14004	C32	BC	8
B-14004	C33	BC	9
B-14004	C35	BC	9
B-14004	C37	BC	9
B-14004	C38	BC	12
B-14004	C39	BC	12
B-14004	C40	BC	13
B-14004	C41	BC	7
B-14004	C42	BC	7
B-14004	C43	BC	7
B-14004	C44	BC	7
B-14004	C45	BC	8
B-14004	C46	BC	14
B-14004	C48	BC	3
B-14004	C49	BC	14
B-14004	C50	BC	15
B-14004	C52	BC	15
B-14004	C53	BC	3
B-14004	C54	ARM	35
B-14004	C55	AEC	2
B-14004	C56	AEQ	1
B-14004	C57	ART	3
B-14004	C58	ART	3
B-14004	C59	AEL	3
B-14004	C60	ART	4
B-14004	C61	BF	7
B-14004	C62	BF	4
B-14004	C63	BC	15
B-14004	C64	BC	15
B-14004	C65	BC	16
B-14004	C66	BC	16
B-14004	C67	BC	16
B-14004	C68	ARM	11
B-14004	C69	ARM	11
B-14004	C70	ARM	11
B-14004	C71	ARM	35
B-14004	C72	ARM	17
B-14004	C73	ARM	12
B-14004	C74	ARM	35
B-14004	C75	ARM	12
B-14004	C76	ARM	35
B-14004	C77	ARM	12
B-14004	C78	ARM	12
B-14004	C79	ARM	13
B-14004	C80	ARM	17
B-14004	C81	BF	3
B-14004	C82	BF	2
B-14004	C83	BF	3
B-14004	C84	BF	5
B-14004	C85	BF	5
B-14004	C86	BF	5
B-14004	C87	BF	5
B-14004	C88	BF	3
B-14004	C89	BF	6
B-14004	C90	BF	8
B-14004	C91	BF	6
B-14004	C92	BF	6
B-14004	C93	BF	6

B-14004 C94	BF	7
B-14004 C95	BF	7
B-14004 C96	BF	7
B-14004 C97	BG	16
B-14004 C98	BG	17
B-14004 C99	BG	10
B-14004 100	BG	10
B-14004 101	BG	3
B-14004 102	BG	3
B-14004 103	BG	8
B-14004 104	BG	8
B-14004 105	BG	17
B-14004 106	BG	17
B-14004 107	BG	17
B-14004 108	BG	18
B-14004 109	BG	18
B-14004 110	BG	18

DFCE MAGNESIUM OXIDE, STANDARD, REFLECTANCE, RADIATION

R-13501 019	CJ	1
R-13546 C27	BG	2
R-13546 C29	BG	2
R-13546 C30	AEM	33
R-13546 C31	BH	1
R-13546 C32	BG	13
R-13546 C34	BF	3
R-13546 C35	BF	2
B-14004 C01	CJ	1

DFC BI-DIRECTIONAL REFLECTANCE, RADIATION

B-13864 C19	APH	2
B-13864 C20	AEM	2
B-13864 C21	AEM	3
B-13864 C22	AEM	3
B-13864 C23	AEM	3
B-13864 C24	AEM	3
B-13864 C25	AEM	21
B-13864 C26	AEM	21
B-13864 C27	AEM	21
B-13864 C28	AEM	22
B-13864 C29	AEM	22
B-13864 C30	AEM	22
B-13864 C31	AEM	22
B-13864 C32	AEM	23
B-13864 C33	AEM	23
B-13864 C34	AEM	13
B-13864 C35	AEM	14
B-13864 C36	AEM	14
B-13864 C37	AEM	14
B-13864 C38	AEM	14
B-13864 C39	AEM	15
B-13864 C40	AEM	15
B-13864 C41	AEM	15
B-13864 C42	AEM	15
B-13864 C43	AEM	16
B-13864 C44	AEM	16
B-13864 C45	AEM	16
B-13864 C46	AEM	16
B-13864 C47	AEM	17
B-13864 C48	AEM	17
B-13864 C49	AEM	4
B-13864 C50	AEM	4
B-13864 C51	AEM	4
B-13864 C52	AEM	4
B-13864 C53	AEM	5
B-13864 C54	AEM	5
B-13864 C55	AEM	5
B-13864 C56	AEM	5
B-13864 C57	AEM	6
B-13864 C58	AEM	6
B-13864 C59	AEM	6
B-13864 C60	AEM	6
B-13864 C61	AEM	7
B-13864 C62	AEM	7
B-13864 C63	AEM	7
B-13864 C64	AEM	23
B-13864 C65	AEM	23
B-13864 C66	AEM	24
B-13864 C67	AEM	24
B-13864 C68	AEM	24
B-13864 C69	AEM	24
B-13864 C70	AEM	25
B-13864 C71	AEM	25
B-13864 C72	AEM	25
B-13864 C73	AEM	25
B-13864 C74	AEM	26
B-13864 C75	AEM	26
B-13864 C76	AEM	26

B-13864 C77	AEM	26
B-13864 C78	AEM	27
B-13864 C79	AEM	7
B-13864 C80	AEM	8
B-13864 C81	AEM	8
B-13864 C82	AEM	8
B-13864 C83	AEM	8
B-13864 C84	AEM	9
B-13864 C85	AEM	9
B-13864 C86	AEM	9
B-13864 C87	AEM	9
B-13864 C88	AEM	10
B-13864 C89	AEM	10
B-13864 C90	AEM	10
B-13864 C91	AEM	10
B-13864 C92	AEM	27
B-13864 C93	AEM	27
B-13864 C94	AEM	27
B-13864 C95	AEM	28
B-13864 C96	AEM	28
B-13864 C97	AEM	28
B-13864 C98	AEM	28
B-13864 C99	AEM	29
B-13864 100	AEM	29
B-13864 101	AEM	29
B-13864 102	AEM	29
B-13864 103	AEM	30
B-13864 104	AEM	30
B-13864 105	AEM	30
B-13864 106	AEM	30
B-13864 107	AEM	31
B-13864 108	AEM	31
B-13864 109	AEM	31
B-13864 110	AEM	31
B-13864 111	AEM	32
B-13864 112	AEM	32
B-13864 113	AEM	32
B-13864 114	AEM	32

DJC EMITTANCE, EMISSION, RADIATION

B-13621 C01	AEM	19
B-13621 C02	AEM	20
B-13621 C03	AEM	20

DK ARTIFICIAL SOURCES, RADIATION

B-13621 C01	AEM	19
B-13621 C02	AEM	20
B-13621 C03	AEM	20
B-13864 C19	AEM	2
B-13864 C20	AEM	2
B-13864 C21	AEM	3
B-13864 C22	AEM	3
B-13864 C23	AEM	3
B-13864 C24	AEM	3
B-13864 C25	AEM	21
B-13864 C26	AEM	21
B-13864 C27	AEM	21
B-13864 C28	AEM	22
B-13864 C29	AEM	22
B-13864 C30	AEM	22
B-13864 C31	AEM	22
B-13864 C32	AEM	23
B-13864 C33	AEM	23
B-13864 C34	AEM	13
B-13864 C35	AEM	14
B-13864 C36	AEM	14
B-13864 C37	AEM	14
B-13864 C38	AEM	14
B-13864 C39	AEM	15
B-13864 C40	AEM	15
B-13864 C41	AEM	15
B-13864 C42	AEM	15
B-13864 C43	AEM	16
B-13864 C44	AEM	16
B-13864 C45	AEM	16
B-13864 C46	AEM	16
B-13864 C47	AEM	17
B-13864 C48	AEM	17
B-13864 C49	AEM	4
B-13864 C50	AEM	4
B-13864 C51	AEM	4
B-13864 C52	AEM	4
B-13864 C53	AEM	5
B-13864 C54	AEM	5
B-13864 C55	AEM	5
B-13864 C56	AEM	5
B-13864 C57	AEM	6
B-13864 C58	AEM	6
B-13864 C59	AEM	6
B-13864 C60	AEM	6
B-13864 C61	AEM	7
B-13864 C62	AEM	7
B-13864 C63	AEM	7
B-13864 C64	AEM	23
B-13864 C65	AEM	23
B-13864 C66	AEM	24
B-13864 C67	AEM	24
B-13864 C68	AEM	24
B-13864 C69	AEM	24
B-13864 C70	AEM	25
B-13864 C71	AEM	25
B-13864 C72	AEM	25
B-13864 C73	AEM	25
B-13864 C74	AEM	26
B-13864 C75	AEM	26
B-13864 C76	AEM	26

B-13864	C60	AEM	6
B-13864	C61	AEM	7
B-13864	C62	AEM	7
B-13864	C63	AEM	7
B-13864	C64	AEM	23
B-13864	C65	AEM	23
B-13864	C66	AEM	24
B-13864	C67	AEM	24
B-13864	C68	AEM	24
B-13864	C69	AEM	24
B-13864	C70	AEM	25
B-13864	C71	AEM	25
B-13864	C72	AEM	25
B-13864	C73	AEM	25
B-13864	C74	AEM	26
B-13864	C75	AEM	26
B-13864	C76	AEM	26
B-13864	C77	AEM	26
B-13864	C78	AEM	27
B-13864	C79	AEM	7
B-13864	C80	AEM	8
B-13864	C81	AEM	8
B-13864	C82	AEM	8
B-13864	C83	AEM	8
B-13864	C84	AEM	9
B-13864	C85	AEM	9
B-13864	C86	AEM	9
B-13864	C87	AEM	9
B-13864	C88	AEM	10
B-13864	C89	AEM	10
B-13864	C90	AEM	10
B-13864	C91	AEM	10
B-13864	C92	AEM	27
B-13864	C93	AEM	27
B-13864	C94	AEM	27
B-13864	C95	AEM	28
B-13864	C96	AEM	28
B-13864	C97	AEM	28
B-13864	C98	AEM	28
B-13864	C99	AEM	29
B-13864	C100	AEM	29
B-13864	C101	AEM	29
B-13864	C102	AEM	29
B-13864	C103	AEM	30
B-13864	C104	AEM	30
B-13864	C105	AEM	30
B-13864	C106	AEM	30
B-13864	C107	AEM	31
B-13864	C108	AEM	31
B-13864	C109	AEM	31
B-13864	C110	AEM	31
B-13864	C111	AEM	32
B-13864	C112	AEM	32
B-13864	C113	AEM	32
B-13864	C114	AEM	32
B-13946	C04	AEG	1
B-13946	C05	AEM	1
B-13946	C06	AEL	2
B-13946	C07	AEM	11
B-13946	C08	AEB	1
B-13946	C09	AEM	33
B-13946	C10	BF	2
B-13946	C11	BF	1
B-13946	C12	BF	1
B-13946	C13	BF	1
B-13946	C14	BF	4
B-13946	C15	BF	1
B-13946	C16	BG	13
B-13946	C17	BG	1
B-13946	C18	BG	1
B-13946	C19	BG	1
B-13946	C20	AEM	33
B-13946	C21	AEM	37
B-13946	C22	AEM	36
B-13946	C23	AEM	33
B-13946	C24	BG	13
B-13946	C25	BG	2
B-13946	C26	AET	2
B-13946	C27	BG	2
B-13946	C28	BG	2
B-13946	C29	AEM	33
B-13946	C30	AEM	33
B-13946	C31	BH	1
B-13946	C32	BG	13
B-13946	C33	BF	3
B-13946	C34	BF	2
B-14004	C01	CJ	1
B-14004	C02	AEM	34
B-14004	C03	AEM	34
B-14004	C04	AEM	34
B-14004	C05	AEL	3

B-14004	C06	AARA	3
B-14004	C07	AARA	6
B-14004	C08	AET	3
B-14004	C09	AET	3
B-14004	C10	ANQ	1
B-14004	C11	BF	4
B-14004	C12	BF	4
B-14004	C13	AEQ	1
B-14004	C14	AEQ	1
B-14004	C15	AEQ	1
B-14004	C16	AEQ	2
B-14004	C17	AEQ	2
B-14004	C18	AEQ	2
B-14004	C19	BG	2
B-14004	C20	BG	6
B-14004	C21	BG	6
B-14004	C22	BG	11
B-14004	C23	BG	11
B-14004	C24	BG	11
B-14004	C25	BG	11
B-14004	C26	BG	12
B-14004	C27	BG	14
B-14004	C28	BG	14
B-14004	C29	BG	9
B-14004	C30	BG	10
B-14004	C31	BG	10
B-14004	C32	BG	8
B-14004	C33	BG	9
B-14004	C34	BG	9
B-14004	C35	BG	9
B-14004	C36	BG	9
B-14004	C37	BG	12
B-14004	C38	BG	12
B-14004	C39	BG	12
B-14004	C40	BG	13
B-14004	C41	BG	7
B-14004	C42	BG	7
B-14004	C43	BG	7
B-14004	C44	BG	7
B-14004	C45	EG	8
B-14004	C46	BG	14
B-14004	C47	BG	3
B-14004	C48	BG	14
B-14004	C49	BG	15
B-14004	C50	BG	15
B-14004	C51	BG	15
B-14004	C52	BG	15
B-14004	C53	BG	3
B-14004	C54	AEM	34
B-14004	C55	AEQ	2
B-14004	C56	AEQ	1
B-14004	C57	AET	3
B-14004	C58	AET	3
B-14004	C59	ARL	3
B-14004	C60	AET	4
B-14004	C61	BF	7
B-14004	C62	BF	4
B-14004	C63	BG	15
B-14004	C64	BG	15
B-14004	C65	BG	16
B-14004	C66	BG	16
B-14004	C67	BG	16
B-14004	C68	AEM	11
B-14004	C69	AEM	11
B-14004	C70	AEM	11
B-14004	C71	AEM	35
B-14004	C72	AEM	17
B-14004	C73	AEM	12
B-14004	C74	AEM	35
B-14004	C75	AEM	12
B-14004	C76	AEM	35
B-14004	C77	AEM	12
B-14004	C78	AEM	12
B-14004	C79	AEM	13
B-14004	C80	AEM	17
B-14004	C81	BF	3
B-14004	C82	BF	2
B-14004	C83	BF	3
B-14004	C84	BF	5
B-14004	C85	BF	5
B-14004	C86	BF	5
B-14004	C87	BF	5
B-14004	C88	BF	3
B-14004	C89	BF	6
B-14004	C90	BF	8
B-14004	C91	BF	6
B-14004	C92	BF	6
B-14004	C93	BF	6
B-14004	C94	BF	7
B-14004	C95	BF	7
B-14004	C96	BF	7
B-14004	C97	BG	16
B-14004	C98	BG	17
B-14004	C99	BG	10

B-14004	100	BG	10
B-14004	101	BG	3
B-14004	102	BG	3
B-14004	103	BG	8
B-14004	104	BG	8
B-14004	105	BG	17
B-14004	106	BG	17
B-14004	107	BG	17
B-14004	108	BG	18
B-14004	109	BG	18
B-14004	110	BG	18

OKC GLOBAL, ARTIFICIAL SOURCES, RADIATION

B-13501	001	AEM	18
B-13501	002	AEM	18
B-13501	003	AEM	18
B-13501	004	AEM	18
B-13501	005	AEM	19
B-13501	006	AEM	35
B-13501	007	AEM	19
B-13501	008	AEM	36
B-13501	009	AEM	13
B-13501	010	AEM	36
B-13501	011	AEM	36
B-13501	012	AEM	37
B-13501	013	AEM	1
B-13501	014	AEM	19
B-13501	015	AEM	13
B-13501	016	AEM	1
B-13501	017	AEM	1
B-13501	018	AEL	1
B-13501	019	CJ	1
B-13501	020	CJ	1
B-13501	021	AET	1
B-13501	022	AET	1
B-13501	023	AET	1
B-13501	024	AET	1
B-13501	025	AET	2
B-13501	026	AET	2
B-13501	027	AET	2
B-13501	028	AER	1
B-13501	029	AER	1
B-13501	030	AER	1
B-13501	031	AER	1
B-13501	032	AER	2
B-13501	033	AER	2
B-13501	034	AER	2
B-13501	035	AER	2
B-13501	036	AEM	1
B-13501	037	AEM	2
B-13501	038	AEL	1
B-13501	039	AEL	1
B-13501	040	AEL	1
B-13501	041	AEL	1
B-13501	042	AEL	2
B-13501	043	AEL	2
B-13501	044	AEL	2
B-13501	045	AEL	1
B-13501	046	AEO	1
B-13501	047	AEO	1
B-13501	048	AEO	1
B-13501	049	AEO	1
B-13501	050	AEP	1
B-13501	051	AAKA	1
B-13501	052	AEP	1
B-13501	053	AEP	1
B-13501	054	AEP	1
B-13501	055	AEP	2
B-13501	056	AEP	2
B-13501	057	AEP	2
B-13501	058	AEP	2
B-13501	059	AEO	2
B-13501	060	AEO	2
B-13501	061	AAKA	1
B-13501	062	AEP	3
B-13501	063	AEP	3
B-13501	064	AEP	3
B-13501	065	AAKA	1
B-13501	066	AEP	3
B-13501	067	AEP	4
B-13501	068	AEP	4
B-13501	069	AEP	4
B-13501	070	AEO	2
B-13501	071	AEP	4
B-13501	072	AEO	2
B-13501	073	AAKA	1
B-13501	074	AAKA	2
B-13501	075	AAKA	2
B-13501	076	AAKA	2

B-13501	077	AAKA	2
B-13501	078	AAKA	3
B-13501	079	AAKA	3
B-13501	080	AAKA	3
B-13501	081	AAKA	3
B-13501	082	AAKA	4
B-13501	083	AAKA	4
B-13501	084	AAKA	4
B-13501	085	AAKA	4
B-13501	086	AAKA	5
B-13501	087	AAKA	5
B-13501	088	AAKA	5
B-13501	089	AEP	5

DLF SOLAR, NATURAL SOURCES, RADIATION

B-13864	001	AEM	20
B-13864	002	AEM	20
B-13864	003	AEM	21
B-13864	004	BF	1
B-13864	005	BG	12
B-13864	006	BG	1
B-13864	007	BG	4
B-13864	008	AEM	2
B-13864	009	BF	2
B-13864	010	BG	4
B-13864	011	BG	4
B-13864	012	BG	4
B-13864	013	BG	5
B-13864	014	BG	5
B-13864	015	BG	5
B-13864	016	BG	5
B-13864	017	BG	6
B-13864	018	BG	6

ECAC .2-.3 MICRONS, UV, OPTICAL, SPECTRA

B-13946	021	AEM	37
B-13946	022	AEM	36
B-13946	023	AEM	33
B-13946	024	BG	13
B-13946	025	BG	2
B-13946	026	AET	2
B-13946	034	BF	3
B-13946	035	BF	2
B-14004	001	CJ	1
B-14004	002	AEM	34
B-14004	004	AEM	34
B-14004	005	AEL	3
B-14004	006	AAKA	5
B-14004	007	AAKA	6
B-14004	008	AET	3
B-14004	009	AET	3
B-14004	010	AEO	1
B-14004	011	BF	4
B-14004	012	BF	4
B-14004	013	AEG	1
B-14004	014	AEG	1
B-14004	015	AEG	1
B-14004	017	AEG	2
B-14004	018	AEG	2
B-14004	019	BG	2
B-14004	020	BG	6
B-14004	021	BG	6
B-14004	022	BG	11
B-14004	023	BG	11
B-14004	024	BG	11
B-14004	025	BG	11
B-14004	026	BG	12
B-14004	027	BG	14
B-14004	028	BG	14
B-14004	029	BG	9
B-14004	030	BG	10
B-14004	031	BG	10
B-14004	032	BG	8
B-14004	033	BG	9
B-14004	035	BG	9
B-14004	037	BG	9
B-14004	038	BG	12
B-14004	039	BG	12
B-14004	040	BG	13
B-14004	041	BG	7
B-14004	042	BG	7
B-14004	043	BG	7
B-14004	044	BG	7
B-14004	045	BG	8
B-14004	046	BG	14
B-14004	048	BG	3
B-14004	049	BG	14
B-14004	050	BG	15
B-14004	052	BG	15
B-14004	053	BG	3

B-14004 063	BC	15
B-14004 064	BC	15
B-14004 065	BC	16
B-14004 066	BC	16
B-14004 067	BC	16
B-14004 068	AEM	11
B-14004 069	AEM	11
B-14004 070	AEM	11
B-14004 071	AEM	35
B-14004 072	AEM	17
B-14004 073	AEM	12
B-14004 074	AEM	35
B-14004 075	AEM	12
B-14004 076	AEM	35
B-14004 077	AEM	12
B-14004 078	AEM	12
B-14004 079	AEM	13
B-14004 080	AEM	17
B-14004 081	BF	3
B-14004 082	BF	2
B-14004 083	BF	3
B-14004 084	BF	5
B-14004 085	BF	5
B-14004 086	BF	5
B-14004 087	BF	5
B-14004 088	BF	3
B-14004 089	BF	6
B-14004 090	BF	8
B-14004 091	BF	6
B-14004 092	BF	6
B-14004 093	BF	6
B-14004 094	BF	7
B-14004 095	BF	7
B-14004 096	BF	7
B-14004 097	BC	16
B-14004 098	BC	17
B-14004 099	BC	10
B-14004 100	BC	10
B-14004 101	BC	3
B-14004 102	BC	3
B-14004 103	BC	8
B-14004 104	BC	8
B-14004 105	BC	17
B-14004 106	BC	17
B-14004 107	BC	17
B-14004 108	BC	18
B-14004 109	BC	18
B-14004 110	BC	18

ECAD .3-.4 MICRONS, UV, OPTICAL, SPECTRA

B-13946 C01	AEC	1
B-13946 C02	AEA	1
B-13946 C03	AEQ	1
B-13946 C04	AEC	1
B-13946 C05	AEM	1
B-13946 C06	REL	2
B-13946 C07	AEM	11
B-13946 C08	AEB	1
B-13946 C09	AEM	33
B-13946 C10	BF	2
B-13946 C11	BF	1
B-13946 C12	BF	1
B-13946 C13	BF	1
B-13946 C15	BF	4
B-13946 C16	BC	13
B-13946 C17	BC	1
B-13946 C18	BC	1
B-13946 C19	BC	1
B-13946 C20	AEM	33
B-13946 C21	AEM	37
B-13946 C22	AEM	36
B-13946 C23	AEM	33
B-13946 C24	BC	13
B-13946 C25	BC	2
B-13946 C26	AET	2
B-13946 C27	BC	2
B-13946 C29	BC	2
B-13946 C30	AEM	33
B-13946 C31	BH	1
B-13946 C32	BC	13
B-13946 C34	BF	3
B-13946 C35	BF	2
B-14004 C01	CJ	1
B-14004 C02	AEM	34
B-14004 C03	AEM	34
B-14004 C04	AEM	34
B-14004 C05	REL	3
B-14004 C06	AAKA	5
B-14004 C07	AAKA	6

B-14004 C08	AET	3
B-14004 C09	AET	3
B-14004 C10	AEQ	1
B-14004 C11	BF	4
B-14004 C12	BF	4
B-14004 C13	AEQ	1
B-14004 C14	AEQ	1
B-14004 C15	AEQ	1
B-14004 C17	AEQ	2
B-14004 C18	AEQ	2
B-14004 C19	BC	2
B-14004 C20	BC	6
B-14004 C21	BC	6
B-14004 C22	BC	11
B-14004 C23	BC	11
B-14004 C24	BC	11
B-14004 C25	BC	11
B-14004 C26	BC	12
B-14004 C27	BC	14
B-14004 C28	BC	14
B-14004 C29	BC	9
B-14004 C30	BC	10
B-14004 C31	BC	10
B-14004 C32	BC	8
B-14004 C33	BC	9
B-14004 C35	BC	9
B-14004 C37	BC	9
B-14004 C38	BC	12
B-14004 C39	BC	12
B-14004 C40	BC	13
B-14004 C41	BC	7
B-14004 C42	BC	7
B-14004 C43	BC	7
B-14004 C44	BC	7
B-14004 C45	BC	8
B-14004 C46	BC	14
B-14004 C48	BC	3
B-14004 C49	BC	14
B-14004 C50	BC	15
B-14004 C52	BC	15
B-14004 C53	BC	3
B-14004 C54	AEM	34
B-14004 C55	AEQ	2
B-14004 C56	AEQ	1
B-14004 C57	AET	3
B-14004 C58	AET	3
B-14004 C59	REL	3
B-14004 C60	AET	3
B-14004 C61	BF	7
B-14004 C62	BF	4
B-14004 C63	BC	15
B-14004 C64	BC	15
B-14004 C65	BC	16
B-14004 C66	BC	16
B-14004 C67	BC	16
B-14004 C68	AEM	11
B-14004 C69	AEM	11
B-14004 C70	AEM	11
B-14004 C71	AEM	35
B-14004 C72	AEM	17
B-14004 C73	AEM	12
B-14004 C74	AEM	35
B-14004 C75	AEM	12
B-14004 C76	AEM	35
B-14004 C77	AEM	12
B-14004 C78	AEM	12
B-14004 C79	AEM	13
B-14004 C80	AEM	17
B-14004 C81	BF	3
B-14004 C82	BF	2
B-14004 C83	BF	3
B-14004 C84	BF	5
B-14004 C85	BF	5
B-14004 C86	BF	5
B-14004 C87	BF	5
B-14004 C88	BF	3
B-14004 C89	BF	6
B-14004 C90	BF	8
B-14004 C91	BF	6
B-14004 C92	BF	6
B-14004 C93	BF	6
B-14004 C94	BF	7
B-14004 C95	BF	7
B-14004 C96	BF	7
B-14004 C97	BC	16
B-14004 C98	BC	17
B-14004 C99	BC	10
B-14004 C100	BC	10

B-14004	102	BG	3
B-14004	103	BG	8
B-14004	104	BG	8
B-14004	105	BG	17
B-14004	106	BG	17
B-14004	107	BG	17
B-14004	108	BG	18
B-14004	109	BG	18
B-14004	110	BG	18
ECB VISIBLE (.4-.7 MICRONS), OPTICAL, SPECTRA			
B-13864	C01	AEM	20
B-13864	C02	AEM	20
B-13864	C03	AEM	21
B-13864	C04	BF	1
B-13864	C05	BG	12
B-13864	C06	BG	1
B-13864	C07	BG	4
B-13864	C08	AEM	2
B-13864	C09	BF	2
B-13864	C10	BG	4
B-13864	C11	BG	4
B-13864	C12	BG	4
B-13864	C13	BG	5
B-13864	C14	BG	5
B-13864	C15	BG	5
B-13864	C16	BG	5
B-13864	C17	BG	6
B-13864	C18	BG	6
B-13864	C19	AEM	2
B-13864	C20	AEM	2
B-13864	C21	AEM	3
B-13864	C22	AEM	3
B-13864	C23	AEM	3
B-13864	C24	AEM	3
B-13864	C25	AEM	21
B-13864	C26	AEM	21
B-13864	C27	AEM	21
B-13864	C28	AEM	22
B-13864	C29	AEM	22
B-13864	C30	AEM	22
B-13864	C31	AEM	22
B-13864	C32	AEM	23
B-13864	C33	AEM	23
B-13864	C34	AEM	13
B-13864	C35	AEM	14
B-13864	C36	AEM	14
B-13864	C37	AEM	14
B-13864	C38	AEM	14
B-13864	C39	AEM	15
B-13864	C40	AEM	15
B-13864	C41	AEM	15
B-13864	C42	AEM	15
B-13864	C43	AEM	16
B-13864	C44	AEM	16
B-13864	C45	AEM	16
B-13864	C46	AEM	16
B-13864	C47	AEM	17
B-13864	C48	AEM	17
B-13864	C49	AEM	4
B-13864	C50	AEM	4
B-13864	C51	AEM	4
B-13864	C52	AEM	4
B-13864	C53	AEM	5
B-13864	C54	AEM	5
B-13864	C55	AEM	5
B-13864	C56	AEM	5
B-13864	C57	AEM	6
B-13864	C58	AEM	6
B-13864	C59	AEM	6
B-13864	C60	AEM	6
B-13864	C61	AEM	7
B-13864	C62	AEM	7
B-13864	C63	AEM	7
B-13864	C64	AEM	23
B-13864	C65	AEM	23
B-13864	C66	AEM	24
B-13864	C67	AEM	24
B-13864	C68	AEM	24
B-13864	C69	AEM	24
B-13864	C70	AEM	25
B-13864	C71	AEM	25
B-13864	C72	AEM	25
B-13864	C73	AEM	25
B-13864	C74	AEM	26
B-13864	C75	AEM	26
B-13864	C76	AEM	26
B-13864	C77	AEM	26
B-13864	C78	AEM	27

B-13864	C79	AEM	7
B-13864	C80	AEM	8
B-13864	C81	AEM	8
B-13864	C82	AEM	8
B-13864	C83	AEM	8
B-13864	C84	AEM	9
B-13864	C85	AEM	9
B-13864	C86	AEM	9
B-13864	C87	AEM	9
B-13864	C88	AEM	10
B-13864	C89	AEM	10
B-13864	C90	AEM	10
B-13864	C91	AEM	10
B-13864	C92	AEM	27
B-13864	C93	AEM	27
B-13864	C94	AEM	27
B-13864	C95	AEM	28
B-13864	C96	AEM	28
B-13864	C97	AEM	28
B-13864	C98	AEM	28
B-13864	C99	AEM	29
B-13864	C100	AEM	29
B-13864	C101	AEM	29
B-13864	C102	AEM	29
B-13864	C103	AEM	30
B-13864	C104	AEM	30
B-13864	C105	AEM	30
B-13864	C106	AEM	30
B-13864	C107	AEM	31
B-13864	C108	AEM	31
B-13864	C109	AEM	31
B-13864	C110	AEM	31
B-13864	C111	AEM	32
B-13864	C112	AEM	32
B-13864	C113	AEM	32
B-13864	C114	AEM	32
B-13946	C01	AEC	1
B-13946	C02	AEC	1
B-13946	C03	AEC	1
B-13946	C04	AEC	1
B-13946	C05	AEM	1
B-13946	C06	AEL	2
B-13946	C07	AEM	11
B-13946	C08	AEB	1
B-13946	C09	AEM	33
B-13946	C10	BF	2
B-13946	C11	BF	1
B-13946	C12	BF	1
B-13946	C13	BF	1
B-13946	C14	BF	4
B-13946	C15	BF	13
B-13946	C16	BG	1
B-13946	C17	BG	1
B-13946	C18	BG	1
B-13946	C19	BG	1
B-13946	C20	AEM	33
B-13946	C21	BG	2
B-13946	C22	BG	2
B-13946	C23	AEM	33
B-13946	C24	BN	1
B-13946	C25	BG	13
B-13946	C26	BF	3
B-13946	C27	BF	2
B-14004	C01	CJ	1
B-14004	C54	AEM	34
B-14004	C55	AEG	2
B-14004	C56	AEG	1
B-14004	C57	AET	3
B-14004	C58	AET	3
B-14004	C59	AEL	3
B-14004	C60	ATT	4
B-14004	C61	BF	7
B-14004	C62	BF	4
B-14004	C63	AEM	11
B-14004	C64	AEM	11
B-14004	C65	AEM	11
B-14004	C66	AEM	11
B-14004	C67	AEM	35
B-14004	C68	AEM	17
B-14004	C69	AEM	12
B-14004	C70	AEM	35
B-14004	C71	AEM	12
B-14004	C72	AEM	35
B-14004	C73	AEM	12
B-14004	C74	AEM	12
B-14004	C75	AEM	12
B-14004	C76	AEM	12
B-14004	C77	AEM	12
B-14004	C78	AEM	13
B-14004	C79	AEM	17
B-14004	C80	AEM	3
B-14004	C81	BF	3
B-14004	C82	BF	2
B-14004	C83	BF	3
B-14004	C84	BF	3

B-14004 085	BF	3
B-14004 086	BF	3
B-14004 087	BF	3
B-14004 088	BF	3
B-14004 089	BF	6
B-14004 090	BF	8
B-14004 091	BF	6
B-14004 092	BF	6
B-14004 093	BF	6
B-14004 094	BF	7
B-14004 095	BF	7
B-14004 096	BF	7
B-14004 097	BG	16
B-14004 098	BG	17
B-14004 099	BG	10
B-14004 100	BG	10
B-14004 101	BG	3
B-14004 102	BG	3
B-14004 103	BG	8
B-14004 104	BG	8
B-14004 105	BG	17
B-14004 106	BG	17
B-14004 107	BG	17
B-14004 108	BG	18
B-14004 109	BG	18
B-14004 110	BG	18

**EC80A BLUE, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-13501 C28	AER	1
B-13501 C30	AER	1
B-13501 C35	AER	2
B-13501 C36	AEM	1
B-13501 C38	AEL	1
B-13501 C47	AEO	1
B-13501 C52	AEP	1
B-13501 C55	AEP	2
B-13501 C63	AEP	3
B-13501 C83	AAKA	4
B-13501 C87	AAKA	5
B-13501 C88	AAKA	5

**EC80B GREEN, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-13501 071	AEP	4
B-13864 007	BG	4
B-13946 016	BG	13
B-13946 017	BG	1
B-13946 027	BG	2

**EC80C YELLOW, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-13501 C13	AEM	1
B-13946 C10	BF	2
B-14004 C61	BF	7
B-14004 C69	AEM	11
B-14004 078	AEM	12
B-14004 082	BF	2
B-14004 C88	BF	3

**EC80D ORANGE, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-14004 C68	AEM	11
B-14004 C77	AEM	12

**EC80E RED, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-13501 040	AEL	1
B-13946 C01	AEC	1
B-13946 C15	BF	4
B-13946 C35	BF	2
B-14004 C90	BF	8

**EC80F BROWN, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-13501 C65	AAKA	1
B-13864 004	BF	1
B-13864 019	AEM	2
B-13864 079	AEM	7
B-13864 080	AEM	8
B-13864 081	AEM	8
B-13864 082	AEM	8
B-13864 083	AEM	8
B-13864 084	AEM	9
B-13864 085	AEM	9
B-13864 086	AEM	9
B-13864 087	AEM	9
B-13864 088	AEM	10
B-13864 089	AEM	10

B-13864 090	AEM	10
B-13864 091	AEM	10
B-13946 011	BF	1

**EC80G FIELD DRAB, COLOR, VISIBLE,
(.4-.7 MICRONS) OPTICAL, SPECTRA**

B-13501 077	AAKA	2
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**EC80H KHAKI, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-13501 084	AAKA	4
B-13501 085	AAKA	4

**EC80I OLIVE DRAB, COLOR, VISIBLE,
(.4-.7 MICRONS) OPTICAL, SPECTRA**

B-13501 C01	AEM	18
B-13501 C02	AEM	18
B-13501 C03	AEM	18
B-13501 C04	AEM	18
B-13501 C05	AEM	19
B-13501 C07	AEM	19
B-13501 014	AFM	19
B-13501 048	AEO	1
B-13501 049	AEO	1
B-13501 050	AEP	1
B-13501 057	AEP	2
B-13501 C58	AEP	2
B-13501 059	AEO	2
B-13501 C60	AEO	2
B-13501 C69	AEP	4
B-13501 C73	AAKA	1
B-13501 074	AAKA	2
B-13501 075	AAKA	2
B-13501 078	AAKA	3
B-13501 079	AAKA	3
B-13501 C80	AAKA	3
B-13501 C81	AAKA	3
B-13501 C82	AAKA	4
B-13501 C86	AAKA	5
B-13621 C01	AFM	19
B-13621 C02	AEM	20
B-13621 C03	AEM	20
B-13864 C02	AEM	20
B-13864 C25	AEM	21
B-13864 C26	AEM	21
B-13864 C27	AEM	21
B-13864 C28	AEM	22
B-13864 C29	AEM	22
B-13864 105	AEM	30
B-13864 106	AEM	30
B-13864 107	AEM	31
B-13864 108	AEM	31
B-13864 109	AEM	31
B-13864 110	AEM	31
B-13864 111	AEM	32
B-13864 112	AEM	32
B-13864 113	AEM	32
B-13864 114	AEM	32
B-13946 C09	AEM	33
B-13946 C20	AEM	33
B-13946 C23	AEM	33
B-13946 C30	AEM	33
B-14004 C02	AEM	34
B-14004 C03	AEM	34
B-14004 004	AEM	34
B-14004 C54	AEM	34
B-14004 071	AEM	35

**EC80J WHITE, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-13501 031	AER	1
B-13501 032	AER	2
B-13501 C46	AEO	1
B-13501 C61	AAKA	1
B-14004 012	BF	4
B-14004 C83	BF	3

**EC80K GREY, COLOR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA**

B-13501 033	AER	2
B-13501 C37	AEM	2
B-13501 039	AEL	1
B-13501 051	AAKA	1
B-13501 070	AEO	2
B-13501 076	AAKA	2
B-13864 008	AEM	2
B-13864 020	AEM	2
B-13864 C21	AEM	3
B-13864 022	AEM	3

B-13864	C23	AEM	3
B-13864	C24	AEM	3
B-13864	C49	AEM	4
B-13864	C50	AEM	4
B-13864	C51	AEM	4
B-13864	C52	AEM	4
B-13864	C53	AEM	5
B-13864	C54	AEM	5
B-13864	C55	AEM	5
B-13864	C56	AEM	5
B-13864	C57	AEM	6
B-13864	C58	AEM	6
B-13864	C59	AEM	6
B-13864	C60	AEM	6
B-13864	C61	AEM	7
B-13864	C62	AEM	7
B-13864	C63	AEM	7
B-13946	C05	AEM	1
B-13946	C12	BF	1
B-14004	C73	AEM	12
B-14004	C75	AEM	12
B-14004	C93	BF	6

ECBBL BLACK, COLCR, VISIBLE (.4-.7 MICRONS),
OPTICAL, SPECTRA

B-13501	C16	AEM	1
B-13501	C17	AEM	1
B-13501	C29	AER	1
B-13501	C34	AER	2
B-13501	C53	AEP	1
B-13501	C54	AEP	1
B-13501	C56	AEP	2
B-13501	C62	BP	3
B-13501	C64	AEP	3
B-13501	C66	AEP	3
B-13501	C67	AEP	4
B-13501	C68	AEP	4
B-13501	C72	AEO	2
B-13501	C89	AEP	5
B-13946	C07	AEM	11
B-13946	C13	BF	1
B-14004	C06	AAKA	5
B-14004	C07	AAKA	6
B-14004	C70	AEM	11
B-14004	C79	AEM	13
B-14004	C81	BF	3

ECCA .7-1.5 MICRONS, IR, OPTICAL, SPECTRA

B-13501	C07	AEM	18
B-13501	C02	AEM	18
B-13501	C03	AEM	18
B-13501	C04	AEM	18
B-13501	C05	AEM	19
B-13501	C06	AEM	35
B-13501	C07	AEM	19
B-13501	C08	AEM	36
B-13501	C09	AEM	13
B-13501	C10	AEM	36
B-13501	C11	AEM	36
B-13501	C12	AEM	37
B-13501	C13	AEM	1
B-13501	C14	AEM	19
B-13501	C15	AEM	13
B-13501	C16	AEM	1
B-13501	C17	AEM	1
B-13501	C18	AEM	1
B-13501	C19	CJ	1
B-13501	C20	CJ	1
B-13501	C21	AET	1
B-13501	C22	AET	1
B-13501	C23	AET	1
B-13501	C24	AET	1
B-13501	C25	AET	2
B-13501	C26	AET	2
B-13501	C27	AET	2
B-13501	C28	AER	1
B-13501	C29	AER	1
B-13501	C30	AER	1
B-13501	C31	AER	1
B-13501	C32	AER	2
B-13501	C33	AER	2
B-13501	C34	AER	2
B-13501	C35	AER	2
B-13501	C36	AEM	1
B-13501	C37	AEM	2
B-13501	C38	AEL	1
B-13501	C39	AEL	1
B-13501	C40	AEL	1
B-13501	C41	AEL	1

B-13501	C42	AEL	2
B-13501	C43	AEL	2
B-13501	C44	AEL	2
B-13501	C45	AEA	1
B-13501	C46	AEO	1
B-13501	C47	AEO	1
B-13501	C48	AEO	1
B-13501	C49	AEO	1
B-13501	C50	AEP	1
B-13501	C51	AAKA	1
B-13501	C52	AEP	1
B-13501	C53	AEP	1
B-13501	C54	AEP	1
B-13501	C55	AEP	2
B-13501	C56	AEP	2
B-13501	C57	AEP	2
B-13501	C58	AEP	2
B-13501	C59	AEO	2
B-13501	C60	AEO	2
B-13501	C61	AAKA	1
B-13501	C62	AEP	3
B-13501	C63	AEP	3
B-13501	C64	AEP	3
B-13501	C65	AAKA	1
B-13501	C66	AEP	3
B-13501	C67	AEP	4
B-13501	C68	AEP	4
B-13501	C69	AEP	4
B-13501	C70	AEO	2
B-13501	C71	AEP	4
B-13501	C72	AEO	2
B-13501	C73	AAKA	1
B-13501	C74	AAKA	2
B-13501	C75	AAKA	2
B-13501	C76	AAKA	2
B-13501	C77	AAKA	2
B-13501	C78	AAKA	3
B-13501	C79	AAKA	3
B-13501	C80	AAKA	3
B-13501	C81	AAKA	3
B-13501	C82	AAKA	4
B-13501	C83	AAKA	4
B-13501	C84	AAKA	4
B-13501	C85	AAKA	4
B-13501	C86	AAKA	5
B-13501	C87	AAKA	5
B-13501	C88	AAKA	5
B-13501	C89	AEP	5
B-13946	C01	AEC	1
B-13946	C02	AEA	1
B-13946	C03	AER	1
B-13946	C04	AER	1
B-13946	C05	AEM	1
B-13946	C06	AEL	2
B-13946	C07	AEM	11
B-13946	C08	AEB	1
B-13946	C09	AEM	33
B-13946	C10	BF	2
B-13946	C11	BF	1
B-13946	C12	BF	1
B-13946	C13	BF	1
B-13946	C15	BF	4
B-13946	C16	BG	13
B-13946	C17	BG	1
B-13946	C18	BG	1
B-13946	C19	BG	1
B-13946	C20	AEM	33
B-13946	C27	BG	2
B-13946	C29	BG	2
B-13946	C30	AEM	33
B-13946	C31	BH	1
B-13946	C32	BG	13
B-13946	C34	BF	3
B-13946	C35	BF	2
B-14004	C01	CJ	1
B-14004	C68	AEM	11
B-14004	C69	AEM	11
B-14004	C70	AEM	11
B-14004	C71	AEM	35
B-14004	C72	AEM	17
B-14004	C73	AEM	12
B-14004	C74	AEM	35
B-14004	C75	AEM	12
B-14004	C76	AEM	35
B-14004	C77	AEM	12
B-14004	C78	AEM	12
B-14004	C79	AEM	13
B-14004	C80	AEM	17
B-14004	C81	BF	3

B-14004 C82	BF	2
B-14004 C83	BF	3
B-14004 C84	BF	5
B-14004 C85	BF	5
B-14004 C86	BF	5
B-14004 C87	BF	5
B-14004 C88	BF	3
B-14004 C89	BF	6
B-14004 C90	BF	8
B-14004 C91	BF	6
B-14004 C92	BF	6
B-14004 C93	BF	6
B-14004 C94	BF	7
B-14004 C95	BF	7
B-14004 C96	BF	7
B-14004 C97	BC	16
B-14004 C98	BC	17
B-14004 C99	BC	10
B-14004 100	BC	10
B-14004 101	BC	3
B-14004 102	BC	3
B-14004 103	BC	8
B-14004 104	BC	8
B-14004 105	BC	17
B-14004 106	BC	17
B-14004 107	BC	17
B-14004 108	BC	18
B-14004 109	BC	18
B-14004 110	BC	18

ECCC 1.5-3.0 MICRONS, IR, OPTICAL, SPECTRA

B-13501 C01	AEH	18
B-13501 C02	AEH	18
B-13501 C03	AEH	18
B-13501 C04	AEH	18
B-13501 C05	AEH	19
B-13501 C06	AEH	35
B-13501 C07	AEH	19
B-13501 C08	AEH	36
B-13501 C09	AEH	13
B-13501 C10	AEH	36
B-13501 C11	AEH	36
B-13501 C12	AEH	37
B-13501 C13	AEH	1
B-13501 C14	AEH	19
B-13501 C15	AEH	13
B-13501 C16	AEH	1
B-13501 C17	AEH	1
B-13501 C18	AEI	1
B-13501 C19	CJ	1
B-13501 C20	CJ	1
B-13501 C21	AEI	1
B-13501 C22	AEI	1
B-13501 C23	AEI	1
B-13501 C24	AEI	1
B-13501 C25	AEI	2
B-13501 C26	AEI	2
B-13501 C27	AEI	2
B-13501 C28	AEH	1
B-13501 C29	AEH	1
B-13501 C30	AEH	1
B-13501 C31	AEH	1
B-13501 C32	AEH	2
B-13501 C33	AEH	2
B-13501 C34	AEH	2
B-13501 C35	AEH	2
B-13501 C36	AEH	1
B-13501 C37	AEH	2
B-13501 C38	AEH	1
B-13501 C39	AEH	1
B-13501 C40	AEH	1
B-13501 C41	AEH	1
B-13501 C42	AEH	2
B-13501 C43	AEH	2
B-13501 C44	AEH	2
B-13501 C45	AEA	1
B-13501 C46	AEH	1
B-13501 C47	AEH	1
B-13501 C48	AEH	1
B-13501 C49	AEH	1
B-13501 C50	AEH	1
B-13501 C51	AEH	1
B-13501 C52	AEH	1
B-13501 C53	AEH	1
B-13501 C54	AEH	1
B-13501 C55	AEH	2
B-13501 C56	AEH	2
B-13501 C57	AEH	2
B-13501 C58	AEH	2

B-13501 C59	AEH	2
B-13501 C60	AEH	2
B-13501 C61	AEH	1
B-13501 C62	AEH	3
B-13501 C63	AEH	3
B-13501 C64	AEH	3
B-13501 C65	AEH	1
B-13501 C66	AEH	3
B-13501 C67	AEH	4
B-13501 C68	AEH	4
B-13501 C69	AEH	4
B-13501 C70	AEH	2
B-13501 C71	AEH	4
B-13501 C72	AEH	2
B-13501 C73	AEH	1
B-13501 C74	AEH	2
B-13501 C75	AEH	2
B-13501 C76	AEH	2
B-13501 C77	AEH	2
B-13501 C78	AEH	3
B-13501 C79	AEH	3
B-13501 C80	AEH	3
B-13501 C81	AEH	3
B-13501 C82	AEH	4
B-13501 C83	AEH	4
B-13501 C84	AEH	4
B-13501 C85	AEH	4
B-13501 C86	AEH	5
B-13501 C87	AEH	5
B-13501 C88	AEH	5
B-13501 C89	AEH	5
B-13946 C34	BF	3
B-13946 C35	BF	2
B-14004 C01	CJ	1
B-14004 C68	AEH	11
B-14004 C69	AEH	11
B-14004 C70	AEH	11
B-14004 C71	AEH	35
B-14004 C72	AEH	17
B-14004 C73	AEH	12
B-14004 C74	AEH	35
B-14004 C75	AEH	12
B-14004 C76	AEH	35
B-14004 C77	AEH	12
B-14004 C78	AEH	12
B-14004 C79	AEH	13
B-14004 C80	AEH	17
B-14004 C81	BF	3
B-14004 C82	BF	2
B-14004 C83	BF	3
B-14004 C84	BF	5
B-14004 C85	BF	5
B-14004 C86	BF	5
B-14004 C87	BF	5
B-14004 C88	BF	3
B-14004 C89	BF	6
B-14004 C90	BF	8
B-14004 C91	BF	6
B-14004 C92	BF	6
B-14004 C93	BF	6
B-14004 C94	BF	7
B-14004 C95	BF	7
B-14004 C96	BF	7
B-14004 C97	BC	16
B-14004 C98	BC	17
B-14004 C99	BC	10
B-14004 100	BC	10
B-14004 101	BC	3
B-14004 102	BC	3
B-14004 103	BC	8
B-14004 104	BC	8
B-14004 105	BC	17
B-14004 106	BC	17
B-14004 107	BC	17
B-14004 108	BC	18
B-14004 109	BC	18
B-14004 110	BC	18

ECCC 3-5 MICRONS, IR, OPTICAL, SPECTRA

B-13501 C01	AEH	18
B-13501 C02	AEH	18
B-13501 C03	AEH	18
B-13501 C04	AEH	18
B-13501 C05	AEH	19
B-13501 C06	AEH	35
B-13501 C07	AEH	19
B-13501 C08	AEH	36
B-13501 C09	AEH	13
B-13501 C10	AEH	36

B-13501 C11	AEM	36
B-13501 C12	AEM	37
B-13501 C13	AEM	1
B-13501 C14	AEM	19
B-13501 C15	AEM	13
B-13501 C16	AEM	1
B-13501 C17	AEM	1
B-13501 C18	AEL	1
B-13501 C19	CJ	1
B-13501 C20	CJ	1
B-13501 C21	AET	1
B-13501 C22	AET	1
B-13501 C23	AET	1
B-13501 C24	AET	1
B-13501 C25	AET	2
B-13501 C26	AET	2
B-13501 C27	AET	2
B-13501 C28	AER	1
B-13501 C29	AER	1
B-13501 C30	AER	1
B-13501 C31	AER	1
B-13501 C32	AER	2
B-13501 C33	AER	2
B-13501 C34	AER	2
B-13501 C35	AER	2
B-13501 C36	AEM	2
B-13501 C37	AEM	2
B-13501 C38	AEL	1
B-13501 C39	AEL	1
B-13501 C40	AEL	1
B-13501 C41	AEL	1
B-13501 C42	AEL	2
B-13501 C43	AEL	2
B-13501 C44	AEL	2
B-13501 C45	AEA	1
B-13501 C46	AEO	1
B-13501 C47	AEO	1
B-13501 C48	AEO	1
B-13501 C49	AEO	1
B-13501 C50	AEP	1
B-13501 C51	AAKA	1
B-13501 C52	AEP	1
B-13501 C53	AEP	1
B-13501 C54	AEP	1
B-13501 C55	AEP	2
B-13501 C56	AEP	2
B-13501 C57	AEP	2
B-13501 C58	AEP	2
B-13501 C59	AEO	2
B-13501 C60	AEO	2
B-13501 C61	AAKA	1
B-13501 C62	AEP	3
B-13501 C63	AEP	3
B-13501 C64	AEP	3
B-13501 C65	AAKA	1
B-13501 C66	AEP	3
B-13501 C67	AEP	4
B-13501 C68	AEP	4
B-13501 C69	AEP	4
B-13501 C70	AEO	2
B-13501 C71	AEP	4
B-13501 C72	AEO	2
B-13501 C73	AAKA	1
B-13501 C74	AAKA	2
B-13501 C75	AAKA	2
B-13501 C76	AAKA	2
B-13501 C77	AAKA	2
B-13501 C78	AAKA	3
B-13501 C79	AAKA	3
B-13501 C80	AAKA	3
B-13501 C81	AAKA	3
B-13501 C82	AAKA	4
B-13501 C83	AAKA	4
B-13501 C84	AAKA	4
B-13501 C85	AAKA	4
B-13501 C86	AAKA	5
B-13501 C87	AAKA	5
B-13501 C88	AAKA	5
B-13501 C89	AEP	5
B-13621 C01	AEM	19
B-13621 C02	AEM	20
B-13621 C03	AEM	20

ECED 9-8 MICRONS, IR, OPTICAL, SPECTRA

B-13501 C01	AEM	18
B-13501 C02	AEM	18
B-13501 C03	AEM	18
B-13501 C04	AEM	18
B-13501 C05	AEM	19

B-13501 C06	AEM	35
B-13501 C07	AEM	19
B-13501 C08	AEM	36
B-13501 C09	AEM	13
B-13501 C10	AEM	36
B-13501 C11	AEM	36
B-13501 C12	AEM	37
B-13501 C13	AEM	1
B-13501 C14	AEM	19
B-13501 C15	AEM	13
B-13501 C16	AEM	1
B-13501 C17	AEM	1
B-13501 C18	AEL	1
B-13501 C19	CJ	1
B-13501 C20	CJ	1
B-13501 C21	AET	1
B-13501 C22	AET	1
B-13501 C23	AET	1
B-13501 C24	AET	1
B-13501 C25	AET	2
B-13501 C26	AET	2
B-13501 C27	AET	2
B-13501 C28	AER	1
B-13501 C29	AER	1
B-13501 C30	AER	1
B-13501 C31	AER	1
B-13501 C32	AER	2
B-13501 C33	AER	2
B-13501 C34	AER	2
B-13501 C35	AER	2
B-13501 C36	AEM	1
B-13501 C37	AEM	2
B-13501 C38	AEL	1
B-13501 C39	AEL	1
B-13501 C40	AEL	1
B-13501 C41	AEL	1
B-13501 C42	AEL	2
B-13501 C43	AEL	2
B-13501 C44	AEL	2
B-13501 C45	AEA	1
B-13501 C46	AEO	1
B-13501 C47	AEO	1
B-13501 C48	AEO	1
B-13501 C49	AEO	1
B-13501 C50	AEP	1
B-13501 C51	AAKA	1
B-13501 C52	AEP	1
B-13501 C53	AEP	1
B-13501 C54	AEP	1
B-13501 C55	AEP	2
B-13501 C56	AEP	2
B-13501 C57	AEP	2
B-13501 C58	AEP	2
B-13501 C59	AEO	2
B-13501 C60	AEO	2
B-13501 C61	AAKA	1
B-13501 C62	AEP	3
B-13501 C63	AEP	3
B-13501 C64	AEP	3
B-13501 C65	AAKA	1
B-13501 C66	AEP	3
B-13501 C67	AEP	4
B-13501 C68	AEP	4
B-13501 C69	AEP	4
B-13501 C70	AEO	2
B-13501 C71	AEP	4
B-13501 C72	AEO	2
B-13501 C73	AAKA	1
B-13501 C74	AAKA	2
B-13501 C75	AAKA	2
B-13501 C76	AAKA	2
B-13501 C77	AAKA	2
B-13501 C78	AAKA	3
B-13501 C79	AAKA	3
B-13501 C80	AAKA	3
B-13501 C81	AAKA	3
B-13501 C82	AAKA	4
B-13501 C83	AAKA	4
B-13501 C84	AAKA	4
B-13501 C85	AAKA	4
B-13501 C86	AAKA	4
B-13501 C87	AAKA	4
B-13501 C88	AAKA	4
B-13501 C89	AEP	4
B-13621 C01	AEM	19
B-13621 C02	AEM	20
B-13621 C03	AEM	20

ECCE 8-15 MICRONS, IR, OPTICAL, SPECTRA

8-13501 C01	ARM	18
8-13501 C02	ARM	18
8-13501 C03	ARM	18
8-13501 C04	ARM	18
8-13501 C05	ARM	19
8-13501 C06	ARM	35
8-13501 C07	ARM	19
8-13501 C08	ARM	36
8-13501 C09	ARM	13
8-13501 C10	ARM	36
8-13501 C11	ARM	36
8-13501 C12	ARM	37
8-13501 C13	ARM	1
8-13501 C14	ARM	19
8-13501 C15	ARM	13
8-13501 C16	ARM	1
8-13501 C17	ARM	1
8-13501 C18	AEI	1
8-13501 C19	CJ	1
8-13501 C20	CJ	1
8-13501 C28	ARR	1
8-13501 C29	ARR	1
8-13501 C30	ARR	1
8-13501 C31	ARR	1
8-13501 C32	ARR	2
8-13501 C33	ARR	2
8-13501 C34	ARR	2
8-13501 C35	ARR	2
8-13501 C36	ARM	1
8-13501 C37	ARM	2
8-13501 C38	AKL	1
8-13501 C39	AKL	1
8-13501 C40	AKL	1
8-13501 C41	AKL	1
8-13501 C42	AKL	2
8-13501 C43	AKL	2
8-13501 C44	AKL	2
8-13501 C45	AEA	1
8-13501 C46	ARO	1
8-13501 C47	ARO	1
8-13501 C48	ARO	1
8-13501 C49	ARO	1
8-13501 C50	ASP	1
8-13501 C51	AAKA	1

8-13501 C52	ASP	1
8-13501 C53	ASP	1
8-13501 C54	ASP	1
8-13501 C55	ASP	2
8-13501 C56	ASP	2
8-13501 C57	ASP	2
8-13501 C58	ASP	2
8-13501 C59	ARO	2
8-13501 C60	ARO	2
8-13501 C61	AAKA	1
8-13501 C62	ASP	3
8-13501 C63	ASP	3
8-13501 C64	ASP	3
8-13501 C65	AAKA	1
8-13501 C66	ASP	3
8-13501 C67	ASP	4
8-13501 C68	ASP	4
8-13501 C69	ASP	4
8-13501 C70	ARO	2
8-13501 C71	ASP	4
8-13501 C72	ARO	2
8-13501 C77	AAKA	2
8-13501 C78	AAKA	3
8-13501 C79	AAKA	3
8-13501 C80	AAKA	3
8-13501 C81	AAKA	3
8-13501 C82	AAKA	4
8-13501 C83	AAKA	4
8-13501 C84	AAKA	4
8-13501 C85	AAKA	4
8-13501 C86	AAKA	5
8-13501 C87	AAKA	5
8-13501 C88	AAKA	5
8-13501 C89	ASP	5
8-13621 C01	ARM	19
8-13621 C02	ARM	20
8-13621 C03	ARM	20

FOE	ANGLE, MEASUREMENT, OPERATIONS	
8-13864 C10	BC	4
8-13864 C11	BC	4
8-13864 C12	BC	4
8-13864 C13	BC	5
8-13864 C14	BC	5
8-13864 C15	BC	5

DATA DOCUMENTS USED IN SECTION 3.2

Unclassified

- B13501 D. K. Wilburn and O. Renius, The Spectral Reflectance of Ordnance Materials at Wavelengths of 1 to 12 Microns (U), Detroit Arsenal, Centerline, Mich., 8 February 1965, AD 087 246 (CONFIDENTIAL).
- B13621 Hayes International Corp., Infrared Tank Study: Supplement to Final Report (U), Hayes International Corp., Birmingham, Ala., 31 January 1961, AD 322 372 (CONFIDENTIAL).
- B13864 V. W. McIntire, Light Polarizing Properties of Terrestrial Backgrounds and Painted Surfaces (U), Naval Ordnance Test Station, China Lake, Calif., September 1964, AD 354 613 (CONFIDENTIAL).
- B13946 Martin-Marietta Corp., Ultraviolet Reconnaissance Techniques (U), Martin-Marietta Corp., Orlando, Fla., May 1964, AD 350 665L (SECRET).
- B14004 A. E. Williamson, Night Reconnaissance Subsystem (U), (Final Technical Documentary Report), Martin-Marietta Corp., Orlando, Fla., November 1964, AD 355 324 (CONFIDENTIAL).

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1. D. K. Wilburn and O. Renius, The Spectral Reflectance of Ordnance Materials at Wavelengths of 1 to 12 Microns (U), Detroit Arsenal, Centerline, Mich., 8 February 1965, AD 087 246 (CONFIDENTIAL).
2. V. W. McIntire, Light Polarizing Properties of Terrestrial Backgrounds and Painted Surfaces (U), Naval Ordnance Test Station, China Lake, Calif., September 1964, AD 354 613 (CONFIDENTIAL).
3. A. E. Williamson, Night Reconnaissance Subsystem (U), (Final Technical Documentary Report), Martin-Marietta Corp., Orlando, Fla., November 1964, AD 355 324 (CONFIDENTIAL).

UNCLASSIFIED

Security Classification

DOCUMENT CONTROL DATA - R&D		
(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)		
1. ORIGINATING ACTIVITY (Corporate author) Willow Run Laboratories, Institute of Science and Technology, The University of Michigan, Ann Arbor, Michigan		2a. REPORT SECURITY CLASSIFICATION UNCLASSIFIED
		2b. GROUP 3
3. REPORT TITLE TARGET SIGNATURE ANALYSIS CENTER: DATA COMPILATION (Supplement) ✓		
4. DESCRIPTIVE NOTES (Type of report and inclusive dates)		
5. AUTHOR(S) (Last name, first name, initial) Earing, Dianne G.		
6. REPORT DATE January 1967	7a. TOTAL NO. OF PAGES v + 186	7b. NO. OF REFS 3
8a. CONTRACT OR GRANT NO. AF 33(615)-3654 ✓ b. PROJECT NO. c. d.	9a. ORIGINATOR'S REPORT NUMBER(S) 7850-9-B ✓ 9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)	
10. AVAILABILITY/LIMITATION NOTICES In addition to security requirements which must be met, this document is subject to special export controls and each transmittal to foreign governments or foreign nationals may be made only with prior approval of AFAL (AVPT), WPAFB, Ohio.		
11. SUPPLEMENTARY NOTES This report is a supplement to report no. 7850-9-B.	12. SPONSORING MILITARY ACTIVITY Air Force Avionics Laboratory Research and Technology Division Air Force Systems Command Wright-Patterson Air Force Base, Ohio	
13. ABSTRACT This report contains an ordered, indexed compilation of classified reflectance, emittance, and polarization data for target and background materials. The data are confined to the portion of the electromagnetic spectrum from 0.2 to 15 μ . When available, the experimental parameters associated with each curve are listed to provide the user with a description of the important experimental conditions. This compilation consists of approximately 350 curves from experimental studies conducted over the past 15 years in various laboratories. A list of the documents from which the data were extracted is included. In addition, the various instruments used to obtain the data are described.		

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14. KEY WORDS	LINK A		LINK B		LINK C	
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